

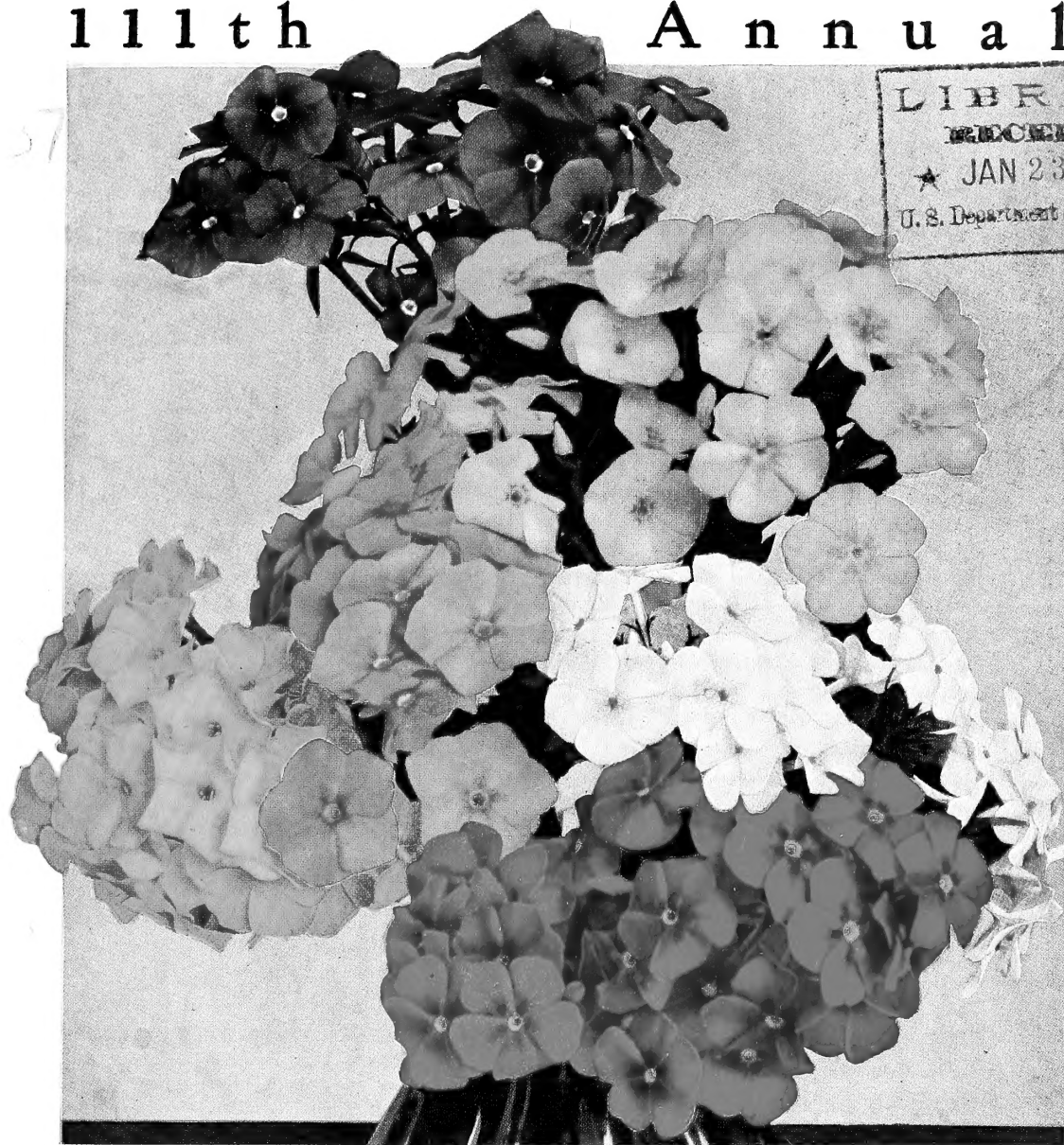
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scientific knowledge, policies, or practices.



111th

Annual



ANNUAL PHLOX, the gayest and most continuous blooming of all summer flowers, make a brilliant show from June until frost. One pkt. each of the above colors—White, Flesh, Rose, Crimson, Primrose, and Violet, 6 in all, for 50 cts; single pkts. 10 cts.

# BOLGIANO

*of Baltimore*

## Garden Guide 1929

J. BOLGIANO SEED CO. 108 - 110 - 112 LIGHT STREET Baltimore, Md.

Vegetable Seed House

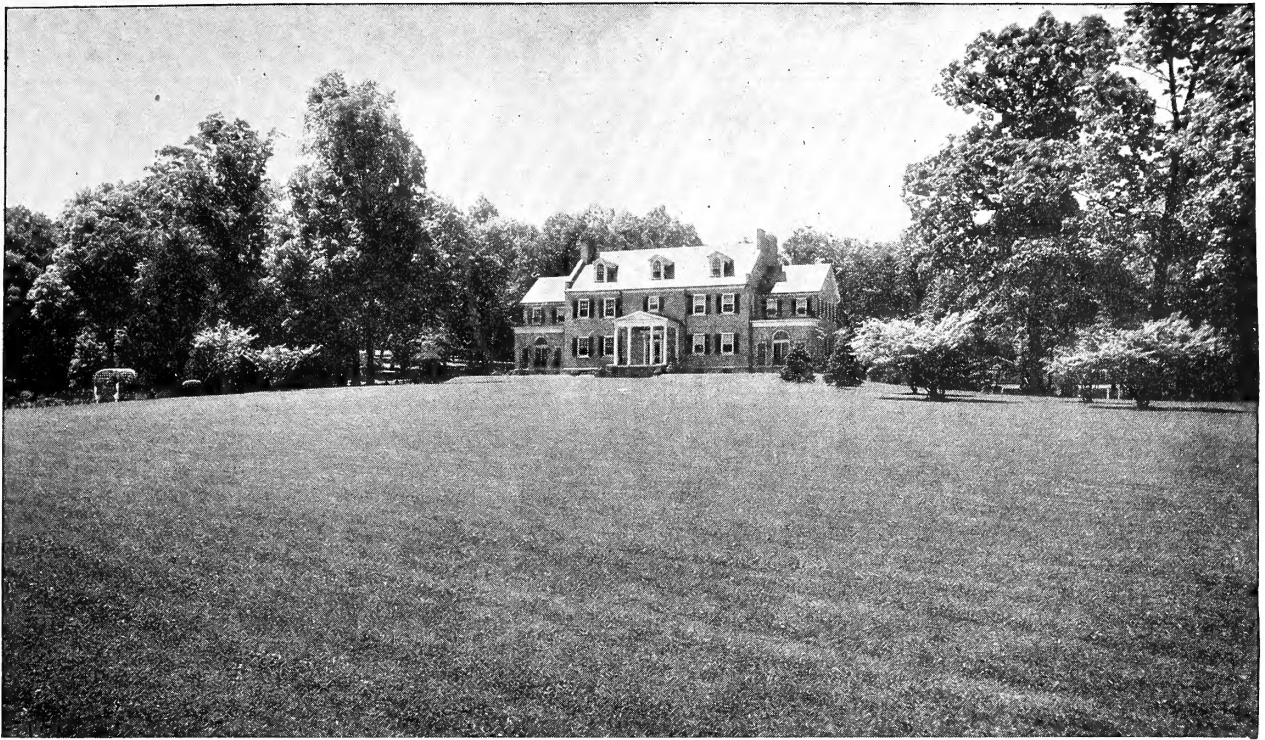
D. W. Stuenkel



### NEW SUNSHINE ASTERS (Anemone-flowered)

A new break in these popular annuals, producing flowers of scintillating beauty. The colors are exquisite. See General List of Flower Seeds for full description. One pkt. each of White, Rose, Light Blue, and Lavender, 4 in all, for 75 cts.; single pkts. 25 cts.





Lawn of Philip and Sigmund Katz, Garrison, Md., sown with our Druid Hill Park Lawn Grass Seed and Vigoro Plant Food

## Druid Hill Park Velvet Green Lawn Grass Seed

### We Have Moved Our Store

PLEASE NOTE CHANGE OF ADDRESS

OUR store has been moved across the street from its former location. The new address is 108-110-112 Light Street—in the Buffington Building on the corner of Light and Balderston streets, Baltimore, Maryland.

We are confident that our efforts to please our friends and customers have succeeded in the past, and hope for a mutually pleasant and prosperous period of years in the new location.

We thank all our friends for their goodwill and patronage and cordially invite them to call and see us in our new home.



**THE J. BOLGIANO SEED  
COMPANY**

108-110-112 Light Street  
Baltimore · Maryland

Yearly comparative trials, have proved this strain to be unsurpassed for first-class, permanent lawns. Only the very finest varieties of suitable grasses are used in this mixture and the seed is thoroughly re-cleaned until it is free from all chaff and weed seeds.

This seed will produce a green, smooth, deep-rooted, velvety sod with a thick bottom, free from the common grasses which produce clumps and knots on the lawn. It is used extensively on the finest estates to produce those exquisitely smooth, rich green sweeps of lawn which are so cordially admired. **Lb. 40 cts., 3 lbs. \$1.15, 5 lbs. \$1.75, 20 lbs. \$6.50, 100 lbs. \$30.** Delivered free in United States by parcel post, freight, or express, our option.

### Bolgiano's Shady Nook Lawn Grass Mixture

Will quickly produce an abundant and even growth of beautiful green grass in shade, and as it blends well with our Druid Hill Park Velvet Green Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. **Lb. 45 cts., 3 lbs. \$1.25, 5 lbs. \$2, 20 lbs. \$7.50, 100 lbs. \$35.** Delivered free in United States.

### Bolgiano's Permanent Terrace and Slope Mixture

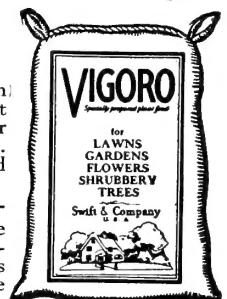
This mixture has been carefully blended so as to contain various grasses of rapid, dense, even growth and strong root systems, which will insure a permanent, beautiful slope. **Lb. 50 cts., 3 lbs. \$1.45, 5 lbs. \$2.25, 100 lbs. \$40.** Delivered free in United States.

The above mixtures should be used at the rate of 1 pound to 200 square feet, 100 pounds to the acre

### White Dutch Clover

The best Clover for lawns, forming a close green cover throughout the season. Sow in the spring at the rate of 6 pounds per acre, when sown alone; or one-half the quantity when sown with other grass. **1/4 lb. 20 cts., 1/2 lb. 35 cts., lb. 65 cts.** Delivered free in United States.

**VIGORO.** Specially Prepared Plant Food is the best aid in producing fine, smooth, velvety lawns. It is clean and odorless and contains elements necessary to vigorous plant growth. See page 61 for full description and prices.



# Vegetable Seed Novelties for 1929



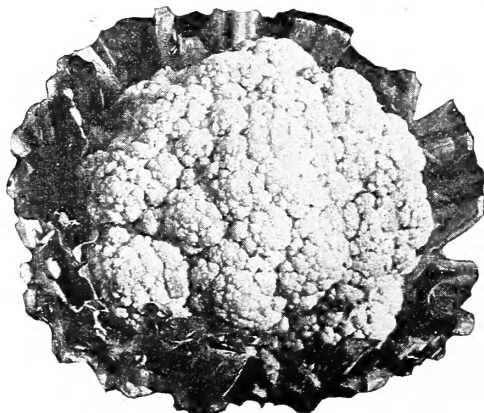
Salad Broccoli

## Salad Broccoli

A new variety of Broccoli which has proved very profitable on the Eastern Shore of Maryland and in Delaware within the past few years. Sown on well-fertilized land in August, it will yield abundant crops of leaves and blossoms for the northern markets during March and April. Thereafter the land is free for later crops. Pkt. 25 cts.; oz. 50 cts.;  $\frac{1}{4}$  lb. 75 cts.; lb. \$2.50, postpaid.

## Bolgiano's New Century Cauliflower

We believe this is the earliest and surest heading Cauliflower possible to obtain. Many prominent growers have complimented us on it and have steadily increased their plantings. The heads, which come when all other varieties fail, are perfect in shape, 12 to 14 inches across, deep and solid. Unsurpassed in tenderness and flavor. The plant is so compact and the leaves so small that one-third more heads can be harvested from an acre than from any other kind. Pkt. 25 cts.;  $\frac{1}{2}$  oz. \$1.50; oz. \$2.25;  $\frac{1}{4}$  lb. \$7.50, postpaid.



Bolgiano's New Century Cauliflower

## Bolgiano's Early Spring Beet

The earliest, quickest-growing Beet on the market, and always fetches top prices. Its roots are smooth, round, rich crimson throughout, and have very small, slender tip roots. Excellent for forcing under glass and matures very rapidly outdoors. We have steadily re-selected the seed to improve it even more, and believe it is the best early Beet obtainable. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.75, postpaid. See back cover page.



Bolgiano's Early Spring Beets



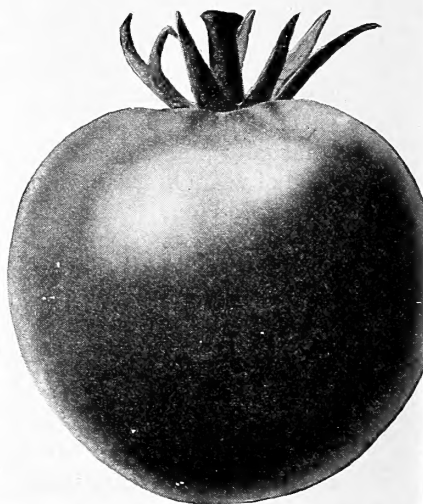
Golden Acre Cabbage

## Golden Acre Cabbage

A new, very early variety of the Copenhagen Market type, but about ten days earlier and a trifle smaller. The heads are medium size, round and compact, running very uniform through the crop. Its small, outer leaves allow close planting, increasing the yield per acre. The delicious, mild flavor and its crisp quality make it extremely desirable for use in the uncooked state, as slaw or salad, and it is very popular with the home gardener. Pkt. 25 cts.; oz. 50 cts.;  $\frac{1}{4}$  lb. \$1.75; lb. \$6, postpaid. See back cover page.

## Marglobe Tomato

Very uniform in size and shape of its large, round, smooth, bright red fruits. The plants are heavy bearers and mature their crop about second early. It was bred by the U. S. Department of Agriculture as a blight-resistant variety, and has proved valuable in those districts where Tomato diseases are troublesome. Our seed is carefully selected from the original, true stock. Pkt. 15 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.50; lb. \$5, postpaid. See back cover page.



Marglobe Tomato

**SPECIAL OFFER:** One pkt. each of above 5 vegetables, 85 cts.

# Flower Seed Novelties for 1929

## Calendula, Campfire

A gorgeous new variety of Scotch Marigold with immense, flat, very double and regular flowers of intense golden orange, tinged with scarlet. The stems are long and strong, so that it is excellent for cut-flowers as well as for garden display. This is a vast improvement over the old forms of Calendula and was developed particularly for florist's use and growing under glass. Outdoors it has likewise proved its superiority to previous types and will undoubtedly become very popular. Pkt. 25 cts.

## Cynoglossum amabile (Chinese Forget-me-not)

Those who have grown this new flower are charmed by its graceful sprays of pure blue blossoms which are so useful for arranging with other flowers in vases. The plants grow rapidly from seed, reaching 18 inches or slightly more, and are soon masses of vivid blue. They have no particular soil requirement but do like plenty of sunshine, and they should be firmly tied to short stakes to prevent them from tumbling over of their own weight. They are useful for edging taller plants and look well in solid beds where a continued spread of rich blue is desired. Pkt. 15 cts.

**C. amabile alba.** A pure white form. Pkt. 15 cts.

## Dahlia, Coltness Hybrids

Splendid, bushy, bedding plants 2 to 4 feet high, covered with semi-double and single flowers of brilliant red, scarlet-crimson, yellow, and variously tinted on long stems. They are splendid for garden decoration or cut-flower use, and are extremely popular where known. Pkt. 50 cts.

## Larkspur, Exquisite Pink Improved

A fine new strain of Annual Larkspur with spikes of bloom resembling the Perennial Delphiniums in size of florets and density of truss. The color is true, clear pink, the same as the old Exquisite Pink. A remarkable addition to cutting and bedding flowers, bringing a clear new color into the Delphinium group. Plants grow 2 to 4 feet high and are covered with lovely bloom from the early part of summer until the snow flies. Pkt. 25 cts.

## Gaillardia, Portola Hybrids

Greatly improved forms of the common Gaillardia with larger, more brilliant blooms on sturdy plants. They are hybrids of the popular Portola and are exceedingly bright, being largely red and orange-red, with golden yellow tips. There is no flower that blooms longer nor is more effective in the garden. Pkt. 25 cts.

## Verbena, Royale

A new Verbena of enormous size, each floret over  $1\frac{1}{4}$  inches broad. The clusters are large and continuously produced. In color it is dark, rich, royal blue, with a creamy yellow eye. A wonderfully showy and dependable variety of one of the most popular bedding plants. Pkt. 25 cts.



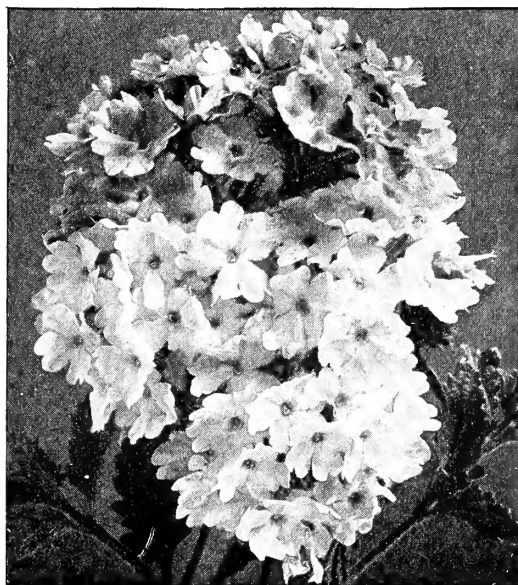
Calendula, Campfire



Cynoglossum amabile



Gaillardia, Portola Hybrids



Verbena, Royale



**IMPORTANT.** All prices subject to change without notice. We pay postage on packets, ounces, 1/4 pounds and pounds of all Vegetable Seeds.

## ASPARAGUS SEED

ASPERGE    Espargel    Esparrago

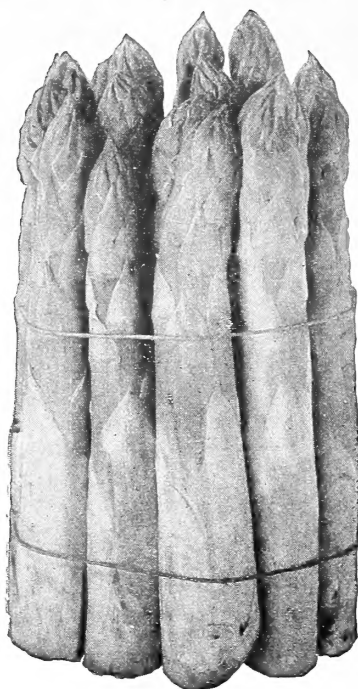
**GIANT ARGENTEUIL.** A popular old variety adapted to all climates and soils. Stalks white, tops tinged greenish purple, often weighs 1/4 pound each; tender and delicious.

**MARY WASHINGTON.** Latest development of the rust-resistant Washington type with exceptionally large shoots of fine flavor.

**PALMETTO.** A very early, heavy yielder, which is regular and even in growth. Average bunches contain 15 shoots, are 13 1/2 inches in circumference and weigh two pounds. It is equally well adapted for all sections and unequalled in quality.

**ASPARAGUS ROOTS.** Plant either in spring or fall. Select good sandy loam and plow as deeply as possible. Dig trenches 4 feet apart, and 14 to 18 inches deep; put in a layer of 4 inches of good stable manure and press down. Cover manure with about 1 inch of soil, then place crowns 15 inches apart, with roots straightened, and cover roots or crowns to level of land.

ASPARAGUS SEED	Pkt.	Oz.	1/4lb.	Lb.
Giant Argenteuil	\$0.10	\$0.15	\$0.25	\$0.75
Mary Washing-				
ton .....	.10	.20	.65	2.00
Palmetto .....	.10	.15	.25	.75
		100		1,000
ASPARAGUS ROOTS		ppd.		notppd.
Mary Washington .....		\$2.50		\$15.00
Palmetto .....		1.50		9.00
Large, fine, healthy roots. <i>Special prices for larger lots.</i>				



Mary Washington Asparagus

## BUSH BEANS

HARICOTS    Bohnen    Habichuelas

**CULTURE.**—Beans are tender to frost, but it often pays to take some risk for the sake of earliness. Plant in warm, loamy soil at the beginning of settled weather in spring, and at intervals for succession until August. Rows may be made 2 feet apart and the Beans should be planted not over 1 inch deep, several inches apart in the drills; or three or four Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently when the vines are perfectly dry. In hoeing, draw the soil up toward the plants. For String Beans, gather the pods clean when they are fit for use. The plants will bear all the longer.

Weight of seed Beans by Parcel Post including packing: Pt. 2 lbs., qt. 3 lbs., 4 qts. 9 lbs., pk. 17 lbs. Sow 1 pound of Beans to 100 feet of drill; 60 lbs. to the acre

### Green-Podded

**BLACK VALENTINE.** Very popular because of its earliness and unusual hardness. It can be planted very early and marketed at extra-high prices. The round straight pods are about 6 inches long, of medium green color, and are very tender and well-flavored when young. They ship well.

**BOUNTIFUL.** An extremely early prolific Bean. The pods are long, flat, tender, and stringless. Splendid variety for the home garden or shipping.

**Burpee's Stringless Green-Pod.** Crisp and tender with a luscious flavor. Handsome light green pods are produced in great abundance and remain in an edible condition longer than any other variety known.

**DWARF HORTICULTURAL or CHERRY BEAN.** A crop of these Beans has never failed to pay. The pods are broad, long, flat, meaty and of delicious flavor. It also makes a good dried Bean for winter use.

**EARLIEST RED VALENTINE.** (Hopkins Strain.) Matures one week earlier than other early green varieties, and produces a very meaty, round, curved, rather dark green pod about 4 1/2 inches long. A good yielder that commands high prices in the early market.

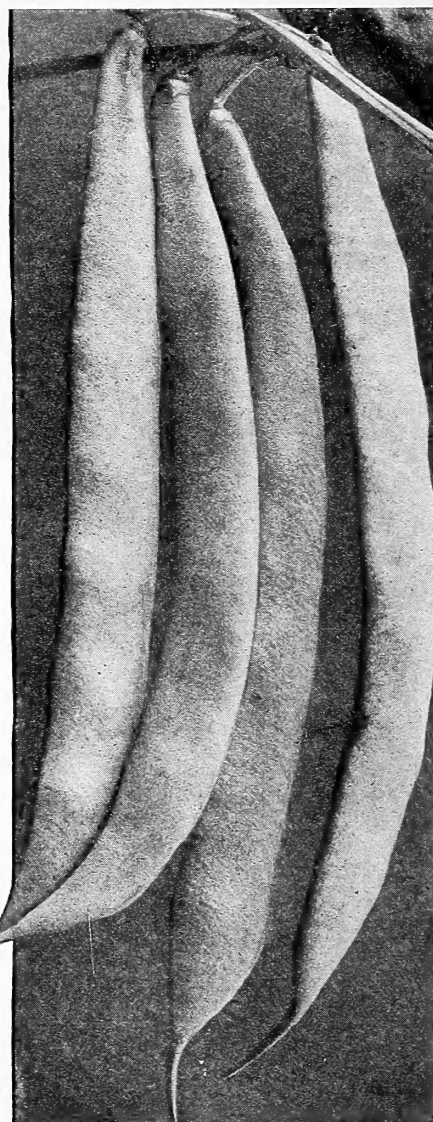
**EARLY STRINGLESS REFUGEE ROUND GREEN-POD.** Has pods of attractive light green, round, tender, and of a delicious flavor.

**FULL MEASURE.** A very fine round, stringless variety. Pods are long, and meaty, borne in great quantities. Very desirable for a late crop.

**GIANT STRINGLESS.** This is a great improvement on the old-time popular favorite, Valentine. The pods are fully one-third longer, averaging 5 to 6 inches in length, absolutely stringless, very crisp, round, full, and fleshy. It is enormously productive, and is ready for market a few days later than old Valentine. We confidently recommend it either for the home garden or as profitable for marketing.

OTHER GREEN-POD BUSH BEANS ON NEXT PAGE

Disinfection of Beans by dusting with 2 ounces of Semesan per bushel of seed destroys surface-borne seed diseases, prevents seed rotting in the soil, increases stand and yield. Complete instructions in Semesan Vegetable Booklet.



Bountiful Beans



Sure-crop Stringless Wax Beans

**SURE-CROP STRINGLESS WAX.** Vines are tall, rather bushy, loaded with delicious, rich yellow Beans 6 to 7 inches long, stringless at all stages of growth. Sells when other varieties will not.

**WARDWELL'S KIDNEY WAX.** Profitable for market, with long, flat pods of light waxy yellow, stringless and brittle. Keeps well and ships perfectly.

BUSH BEANS, GREEN-PODDED		Pkt.	Lb.	2 lbs.	15 lbs.
		(Pt.)	(Pt.)	(Qt.)	(Pk.)
Black Valentine.....	\$0.10	\$0.40	\$0.75	\$3.75	
Bountiful.....	.10	.45	.85	5.00	
Burpee's Stringless Green-Pod.....	.10	.45	.85	4.75	
Dwarf Horticultural or Cherry Bean..	.10	.45	.85	4.00	
Earliest Red Valentine.....	.10	.40	.75	3.00	
Early Stringless Refugee Round Green-Pod.....	.10	.45	.75	4.75	
Full Measure.....	.10	.40	.75	5.00	
Giant Stringless.....	.10	.45	.85	4.75	
Late Refugee or 1,000-to-1.....	.10	.40	.75	4.50	
Tennessee Green Pod.....	.10	.40	.75	3.50	
White Navy or Pea Bean.....	.10	.20	.35	2.00	
BUSH BEANS, WAX-PODDED					
Bolgiano's Best-Yet Stringless Wax..	.10	.45	.85	4.50	
Currie's Rustproof Wax.....	.10	.40	.75	4.00	
Davis Kidney Wax.....	.10	.45	.85	4.00	
Golden Wax Improved.....	.10	.40	.75	4.00	
Hodson Wax.....	.10	.40	.75	4.75	
Pearl Wax.....	.10	.45	.85	4.75	
Round Podded Kidney Wax.....	.10	.55	1.00	4.00	
Sure-Crop Stringless Wax.....	.10	.40	.75	4.50	
Wardwell's Kidney Wax.....	.10	.40	.75	4.50	

We pay postage on 1 and 2 lbs. Larger quantities, postage extra.  
5 lbs. sold at 15-lb. rate.

Crop extremely short.  
Write for prices on bushels and 100-pound lots.

**Green-Podded Bush Beans, continued**

**LATE REFUGEE OR 1,000-TO-1.** Exceedingly productive and excellent for medium and late use. The young pods are tender, of fine flavor, silver-green color, round and slim.

**TENNESSEE GREEN POD.** A prolific, but tender variety. Foliage dark, large, and crumpled. Pods 5 to 5½ inches long, flat and irregular, light green, and of good quality.

**WHITE NAVY OR PEA BEAN.** Robust, prolific vines, producing heavy crops of small, round Beans, largely used for baking. Very productive and profitable.

**Wax-Podded Bush Beans**

**Bolgiano's Best-Yet Stringless Wax.** Beautiful, long, lemon-yellow pods, uniform and absolutely stringless, and completely resistant to both rust and blight. A wonderful yielder producing bountiful crops quickly and surely every season.

**CURRIE'S RUSTPROOF WAX.** Earliest to mature of either the Green or Wax Beans. Its beautiful, pure golden yellow, long, flat pods of extra-fine quality are borne in abundance and attract the admiration of both the planter and the consumer. Entirely free from rust and blight. Very profitable for the early trucker.

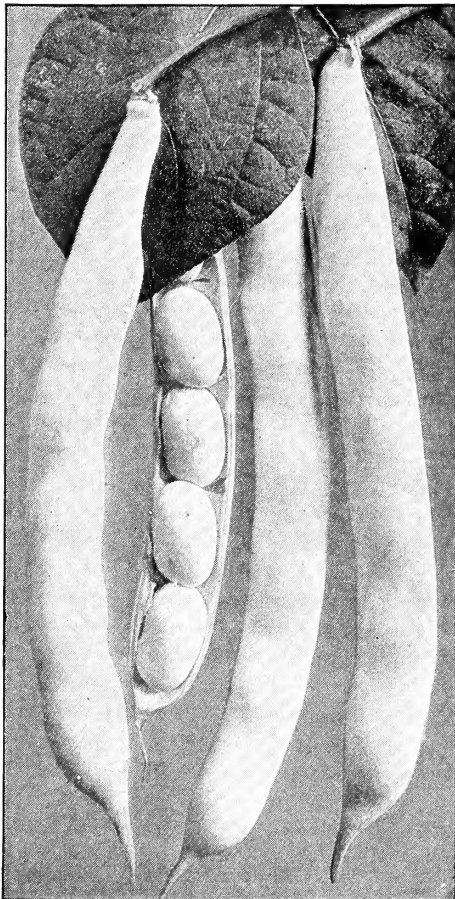
**DAVIS KIDNEY WAX.** The king of flat Wax Beans. Handsome long pods of attractive color and luscious flavor. A prolific yielder, rustproof, and an excellent shipper.

**GOLDEN WAX IMPROVED.** Early, vigorous, and a bountiful yielder of beautiful, shapely, flat, large, tender pods. The vine grows 1½ feet high, holding the pods well off the ground

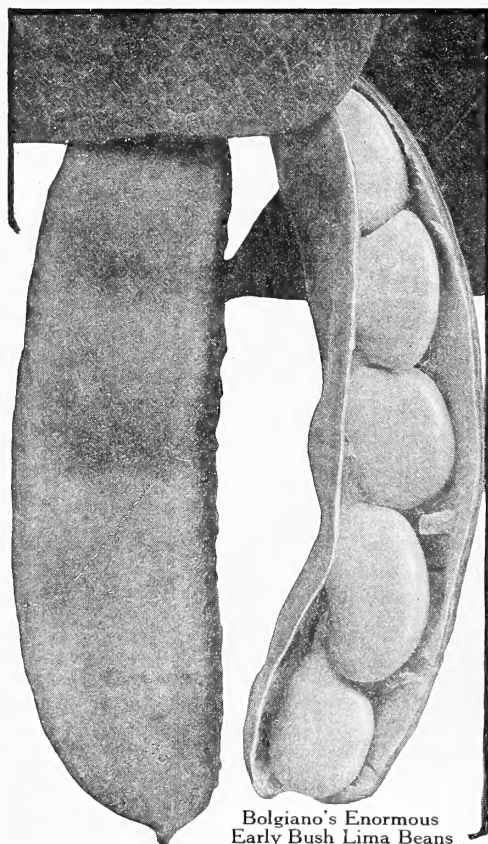
**HODSON WAX.** Very sturdy and prolific; free from rust and blight. The handsome, straight pods, average 7 inches long, and are clean, light yellow. When picked young they are stringless.

**PEARL WAX.** A distinct, enormously prolific variety which every grower should try. Will not rust in wet weather.

**ROUND PODDED KIDNEY WAX.** (Brittle Wax.) An improved Wardwell's Kidney Wax, that is just as vigorous a grower, fully as early, but is entirely stringless. Pods are long, straight, extremely handsome, and of excellent quality. An exceedingly heavy bearer.



Currie's Rustproof Golden Wax Beans



Bolgiano's Enormous  
Early Bush Lima Beans

**Bolgiano's Enormous Early.** This wonderful new Lima is the earliest, largest, and best of all Bush Lima Beans.

**BURPEE'S IMPROVED.** Pods and Beans are extremely large. Plant grows more erect than Burpee's Bush Lima and is more productive.

**BURPEE'S LARGE.** An immense yielder, each bush bearing from 50 to 200 handsome pods, well filled with very large Beans, identical in size and flavor with the large Pole Limas.

**DREER'S BUSH.** This Bush Bean produces pods in great abundance, 185 having been counted on a single plant. The Beans grow close together, sometimes five in a pod, and are very thick, sweet, and succulent.

**FORDHOOK.** Both pods and Beans are twice the size of Dreer's Bush Lima.

**HENDERSON'S BUSH or BABY.** Yields an abundance of pods about 3 inches long, well filled with rather small Beans of fine flavor.

**WOOD'S PROLIFIC.** Earlier than the Burpee's Bush Lima and smaller in size of Bean. Makes a larger growth than others and stems are loaded with Beans in great clusters.

## Pole Lima Beans

Sow 2 lbs. to 150 hills; 20 to 24 lbs. to the acre

**Bolgiano's Giant Emerald Isle.** This wonderful Bean is the largest podded and the heaviest cropper of all Limas. It grows green, dries green, stays green. We recommend it highly for both market and home use.

**EARLY LEVIATHAN.** This sort is at least one week earlier than other Pole Limas. Frequently, earliness is obtained at a sacrifice of other qualities, but this variety is superior not only in earliness but also in size of Bean and productiveness.

**IMPROVED POLE (Challenger).** Each pod contains two to six Beans, so compactly placed that they indent each other. The pods are produced in great clusters, and the yield is continuous and abundant.

**CAROLINA (Sieva).** (Butter Bean of the South.) Very early, and productive. Its deep root system makes it resistant to drought and excellent for sandy soils. The Beans are smaller than average Limas but juicy and buttery. They are fine Shell Beans.

**CARPINTERIA.** One of the longest podded and heaviest croppers of all Limas.

**EXTRA-LARGE.** Large, white and very tender. Equally good in winter if soaked ten hours before cooking.

**FORD'S MAMMOTH EXTRA-LARGE.** Pods are large and unsurpassed in quality and productiveness.

**KING OF THE GARDEN.** Outrivals other Pole Limas. Bears enormous pods, often 5 to 8 inches long, filled with five or six perfect Beans.

## Bush Lima Beans

**CULTURE.**—Select land that is especially warm, rich and well supplied with humus. Plant as soon as the soil has become warm in spring, making the rows 3 feet apart, and giving each plant 6 inches space in the row. A top-dressing of poultry manure, ashes, some good fertilizer or some good compost around the plants will be of much benefit in hastening maturity and increasing the yield.

Sow 2 lbs. to 150 hills; 20 to 24 lbs. to the acre

We pay postage on 1 and 2 pounds only of Beans. Larger quantities customers pay transportation					
	Pkt.	Lb. (Pt.)	2 lbs. (Qt.)	15 lbs. (Pk.)	100 lbs.
<b>POLE LIMA BEANS</b>					
Bolgiano's Giant Emerald Isle.....	\$0.10	\$0.50	\$0.90	\$4.00	\$25.00
Early Leviathan.....	.10	.45	.85	3.65	22.00
Improved Pole (Challenger).....	.10	.45	.85	3.65	23.00
Carolina (Sieva).....	.10	.40	.75	3.15	18.00
Carpinteria.....	.10	.45	.85	3.65	22.00
Extra-Early Jersey.....	.10	.45	.85	3.30	20.00
Extra Large.....	.10	.45	.85	3.30	20.00
Florida Butter.....	.10	.45	.75	3.30	20.00
Ford's Mammoth.....	.10	.45	.85	3.15	18.00
King of the Garden.....	.10	.45	.85	3.30	20.00
Seibert's Early.....	.10	.45	.85	3.30	20.00
<b>BUSH LIMA BEANS</b>					
Bolgiano's Enormous Early.....	.10	.50	.90	6.50	35.00
Burpee's Improved.....	.10	.45	.85	4.00	24.00
Burpee's Large.....	.10	.45	.85	3.65	22.00
Dreer's Bush.....	.10	.45	.85	4.00	24.00
Fordhook.....	.10	.50	.90	6.50	35.00
Henderson's Bush (Baby).....	.10	.40	.75	3.15	17.00
Jackson Wonder.....	.10	.40	.75	3.30	18.00
Wood's Prolific.....	.10	.40	.75	3.15	19.00
<b>POLE or RUNNING BEANS</b>					
Horticultural.....	.10	.40	.75	3.15	16.00
Kentucky Wonder Wax.....	.10	.50	.85	3.30	16.00
Lazy Wife (White Pole Cherry).....	.10	.40	.75	3.15	19.00
McCaslan.....	.10	.45	.85	3.30	18.00
Nancy Davis.....	.10	.40	.75	3.15	18.00
Old Homestead (Kentucky Wonder).....	.10	.40	.75	3.00	16.00
White Creaseback.....	.10	.40	.75	3.15	16.00



Bolgiano's Giant Emerald Isle Pole Lima Bean



## Pole or Running Beans

Sow 2 lbs. to 150 hills; 20 to 24 lbs. to the acre

**HORTICULTURAL (Cranberry or Wren's Egg).** A popular Pole Cherry Bean for Snaps or Shell Beans, especially adapted for short seasons and cool locations. Pods 4 to 5 inches long, 1/2 inch broad, thick and fleshy.

**LAZY WIFE (White Pole Cherry).** Pods 5 to 6 inches long and produced in great abundance. They are broad, thick, fleshy, entirely stringless and retain their rich tender stringless quality until nearly ripe. Make excellent Shell Beans.

**OLD HOMESTEAD (Kentucky Wonder).** A favorite with the most critical trade and private gardeners. Produces clusters of round, tender, stringless, dark green pods, 8 inches or more long.

**WHITE CREASEBACK.** Very early. Large, round, fleshy pods borne in clusters. Seed pure white when mature. Makes fine Shell Beans for winter. A good corn-field Bean. **FOR PRICES SEE PAGE 6**

## BEET

BETTERAVE Salatrübe Remolacha

**CULTURE.**—Rich, well-drained, fibrous loam will insure a good Beet crop. For early table Beets, make drills 16 to 20 inches apart and sow the seed about 1 inch deep, as early as the ground can be put in shape, or seed may be sown under glass four weeks earlier and the young seedlings transplanted to open ground, for an extra-early crop.

Give thorough, clean cultivation, and thin the plants to stand 2 inches apart in the row. For succession, sow at intervals to the middle of July. For earliest sowings, a light dressing of nitrate of soda, 100 pounds per acre, will sometimes work wonders.

**Bolgiano's Early Spring.** This has proved one of the best and earliest Beets offered to the market-gardener and has won praise and recommendation wherever

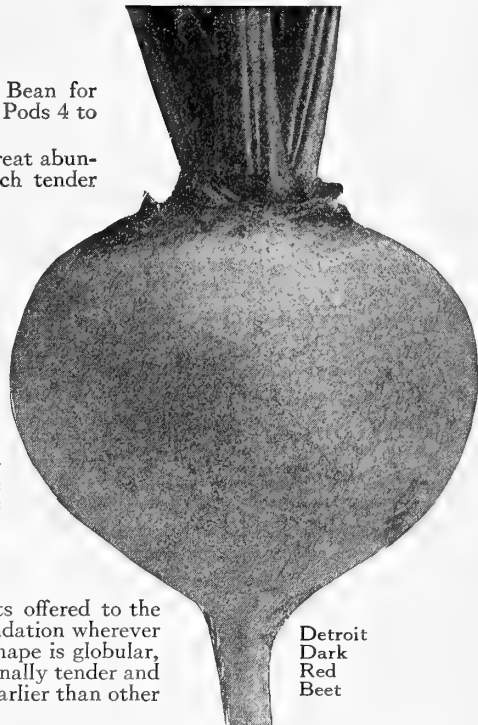
used. The first Beet on the market, it always brings the highest prices. Its shape is globular, with small tip roots and tops. The flesh is a deep red, fine-grained, and exceptionally tender and sweet. It may be sown under glass or in the open field, and will mature much earlier than other varieties. See also Novelties, page 2, and illustration in color on back cover.

**BOLGIANO'S DEEP BLOOD BEAUTY.** Medium sized, globe-shaped Beets with smooth skin and very tender flesh.

**CRIMSON GLOBE.** This is one of the best Bunching Beets. It is of medium size, almost globe-shaped, and entirely free from rootlets. Flesh blood-red, slightly ringed, never stringy. A grand second-early or main-crop sort.

**CROSBY'S IMPROVED EXTRA-EARLY EGYPTIAN.** An improved Extra-Early Egyptian, just as early, but of more desirable shape, color, and quality. It is very sweet and tender, and a most valuable sort for early market, as it is ready before other Beets of equal quality.

**DETROIT DARK RED.** A splendid dark red Beet for home or market, and by far the best for canning on account of its beauty. Small tops and perfectly shaped small roots. Flesh zoned with light and dark bands; tender and sweet.



Detroit  
Dark  
Red  
Beet

**EDMAND'S BLOOD TURNIP.** A handsome, clean, turnip-shaped blood Beet. Skin and flesh deep blood-red; sweet, tender, and unsurpassed for solidity and keeping purposes. The roots grow uniformly and are of right marketable size, mature early; satisfactory for bunching.

**EXTRA-EARLY ECLIPSE.** Rapid grower of perfect globular form, with beautiful crimson flesh and dwarf foliage.

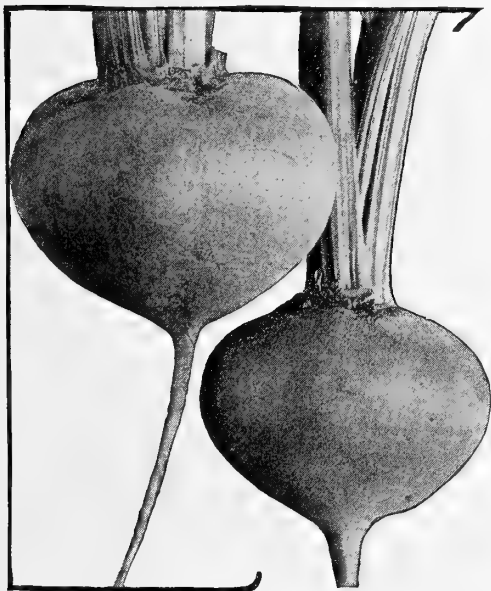
## Mangel-Wurzel or Stock Beet

**GATE-POST.** Immense roots that, when fed to cows, produce the richest milk. If you want the best Yellow Mangel you ever grew, buy this variety.

**GIANT MAMMOTH LONG RED.** Roots very large, uniformly straight, well formed, deep red, solid; tops small. Produces immense bulk and tonnage.

**IMPROVED GOLDEN TANKARD.** The deep, rich yellow flesh is firm and solid. On account of its shape, it is easily lifted from the ground.

**KLEIN WANZLEBEN.** A true Sugar Beet, valuable for stock-feeding, sugar-production, or for table use when small. A broad-shouldered, tapering variety of medium size, but very productive and rich in sugar content.



Crosby's Improved Extra-Early Egyptian Beets

BEET	Pkt.	Oz.	1/4lb.	Lb.
American Beauty	\$0.10	\$0.15	\$0.30	\$1.00
Bolgiano's Deep Blood Beauty	.10	.15	.30	1.00
Bolgiano's Early Spring	.10	.15	.50	1.75
Crimson Globe	.10	.15	.30	1.00
Crosby's Improved Extra-Early Egyptian	.10	.15	.30	1.00
Dark Red Flat Egyptian	.10	.15	.30	1.00
Detroit Dark Red	.10	.15	.30	1.00
Early Blood Turnip	.10	.15	.30	1.00
Early Large Egyptian	.10	.15	.30	1.00
Early Ox-Blood	.10	.15	.25	.90
Early Wonder	.10	.15	.40	1.10
Edmand's Blood Turnip	.10	.15	.30	1.00
Extra-Early Eclipse	.10	.15	.30	1.00
Lentz	.10	.15	.30	1.00
Long Smooth Blood	.10	.15	.30	.90
Lucullus	.10	.15	.30	1.00
Nutting's Early Gem	.10	.15	.30	1.00
Swiss Chard	.10	.15	.30	1.00
<b>MANGEL-WURZEL</b>				
Gate-Post	\$0.10	\$0.20	\$0.60	
Giant Mammoth Long Red	.10	.20	.60	
Improved Golden Tankard	.10	.20	.60	
Klein Wanzleben	.10	.20	.60	

We pay postage on packets, ounces, 1/4pounds, and pounds



## CABBAGE

REPOLLO Kopfschl Chou pomme

**CULTURE.**—Early Cabbage requires a rich, warm loam, well-drained. The soil for late Cabbage should be heavier, more retentive of moisture, and not so rich, as the heads are liable to burst.

To have Cabbage very early, sow seed in hotbed in February; or winter over in a coldframe. For this purpose the seed is sown from September 10 to 20. Four to five weeks after sowing they will be fit to transplant into the coldframes. It is very important that the plants be set down to the first leaves so that the stem is all under the ground, otherwise it would be split by frost.

These early Cabbage plants are set out in March or April, in rows 3 feet apart and 1½ ft. between the plants. They mature in June. For second-early crop, sow seed first week in April and plant out in May. This crop matures in July and August. Late Cabbage for fall and winter use should be sown May to June. The plants are set in July with 3 feet between the rows and 2 feet between the plants. This crop matures in October. Cabbage should not be planted two years in succession in the same ground.

One ounce of seed will produce 3,000 plants

### Extra-Early Varieties

**Early Jersey Wakefield.** Ours is special selected stock, a variety that is very popular with the early shippers. It produces a compact, well pointed head of medium size very attractive in appearance and is planted in large quantities for the early market.

**CHARLESTON or LARGE WAKEFIELD.** A favorite, large, pointed type which matures a week or ten days later than Early Jersey Wakefield but is much larger. It is grown extensively to follow Early Jersey Wakefield, and to precede the flat varieties.

**COPENHAGEN MARKET, EARLY DANISH.** As early as Charleston Wakefield. Very heavy, solid, large, globe-shaped head with well-developed outside leaves.

**EXTRA-EARLY EXPRESS.** Ten days earlier than Early Jersey Wakefield. Heads rather small, but very solid and sharply pointed.

**EXTRA-EARLY JERSEY WAKEFIELD.** An improved early strain of Early Jersey Wakefield, slightly smaller and one week earlier.

**GOLDEN ACRE.** See Specialties, page 2.

**STEIN'S EARLY FLAT DUTCH.** Unexcelled for early spring planting, producing medium-sized heads that are unbeatable for home use or shipping purposes.



Stein's Early Flat Dutch



Bolgiano's True Stock Jersey Wakefield Cabbage

### Second-Early Varieties

**ALLHEAD EARLY.** In uniformity, reliability of heading, size, earliness and quality it ranks high.

**BOLGIANO'S PERFECTION DRUMHEAD SAVOY.** Surpasses all varieties of Savoy Cabbage for uniformity, beauty of curl and excellent keeping qualities

**EARLY SHORT-STEM DRUMHEAD.** Large, solid, round heads. Earliest Drumhead type.

**EARLY SUCCESSION.** Wonderful for solidity, productiveness, and size.

**EARLY SUMMER.** In size, form, solidity, and earliness, this is truly a model Cabbage.

**ENKHUIZEN GLORY.** A valuable second-early variety. The heads are very solid with but few outer leaves. Excellent quality.

**MAMMOTH RED DUTCH.** The largest Red Cabbage. Heads very solid and deep red to the center.

**SURE-HEAD.** (Pedigree Stock.) Large, round, flattened heads that are all head.

CABBAGE, Extra-Early Varieties	Pkt.	Oz.	¼lb.	Lb.
Charleston or Large Wakefield.....	\$0.10	\$0.30	\$0.75	\$2.75
Copenhagen Market, Early Danish....	.10	.30	1.00	3.75
Early Jersey Wakefield.....	.10	.30	.90	2.75
Extra-Early Express.....	.10	.30	.90	2.75
Extra-Early Jersey Wakefield.....	.10	.30	.90	3.00
Golden Acre.....	.25	.50	1.75	6.00
Stein's Early Flat Dutch.....	.10	.25	.80	2.75
<b>Second-Early Varieties</b>				
Allhead Early.....	.10	.20	.75	2.50
Bolgiano's Perfection Drumhead Savoy.....	.10	.30	.90	3.00
Early Short-stem Drumhead.....	.10	.25	.80	2.50
Early Succession.....	.10	.25	.75	2.50
Early Summer.....	.10	.20	.75	2.50
Enkhuizen Glory.....	.10	.30	1.00	3.50
Mammoth Red Dutch.....	.10	.30	.90	3.00
Sure-head.....	.10	.20	.75	2.50
<b>Late or Winter Varieties</b>				
Bolgiano's Extra-Large Late Flat Dutch.....	.10	.30	.90	2.50
Danish Ballhead.....	.10	.25	.90	3.00
Large Late Drumhead.....	.10	.25	.80	2.50
Hollander No. 8.....	.25	.50	2.00	8.00
Pe-Tsai, Chinese or Celery.....	.10	.35	.85	2.75

We pay postage on packets, ounces, ¼pounds and pounds of all cabbage seed

## Late or Winter Cabbage

**Bolgiano's Extra-Large Late Flat Dutch.** (Market Garden-er's Choicest Stock.) Matures more quickly than the older varieties into an extra-large, solid head, of perfect keeping quality.

**DANISH BALLHEAD.** This most excellent Cabbage is very solid and outweighs any other of equal size. The head is round with flattened top.

**HOLLANDER NO. 8.** Sometimes known as Wisconsin Hollander. A very solid, hard-headed, ball-type Cabbage with few or no side leaves, bred especially for resistance to yellows and Cabbage diseases. A valuable variety for districts affected by this trouble.

**LARGE LATE DRUMHEAD.** Produces enormous heads. Its good keeping quality makes it a first-class sort to carry over winter.

**PE-TSAI (Chinese or Celery Cabbage).** Produces a tall head of almost white, very tender leaves. Plant in July. Sow in drills 16 to 20 inches apart and thin the seedlings two or three times.

## CHICORY

ACHICORIA *Chichortentwuzel* *Chicoree*

**WITLOOF (French Endive).** A delicious winter salad plant which is popular and profitable. Seed should be sown in the open ground in June, and later thinned to stand 5 inches apart and allowed to grow until the fall. The roots are then taken up, cut in about 7-inch lengths, and buried in a trench of good soil in a cool shed or cellar. The sprouts and young leaves are produced freely and are very crisp and delicious.

CAULIFLOWER	Pkt.	1/2oz.	Oz.	1/4lb.
Bolgiano's New Century.....	\$0.25	\$1.50	\$2.25	\$7.50
Danish Giant .....	.25	1.00	1.75	6.00
Extra-Early Dwarf Erfurt.....	.25	1.25	2.00	7.00
Snowball.....	.25	1.25	2.00	7.00
BRUSSELS SPROUTS	Pkt.	Oz.	1/4lb.	Lb.
Bolgiano's Matchless Long Island Improved.....	\$0.10	\$0.25	\$0.75	\$2.50
CHICORY				
Witloof (French Endive).....	.10	.25	.65	2.00



Copenhagen Market Cabbage. See page 8

## CAULIFLOWER

COLIFLOR *Blumentohl* *Chou-fleur*

**CULTURE.**—Cauliflower requires the same soil and culture as cabbage. Seed may be sown and handled in the same way. It is best to have no Cauliflower maturing in the hot summer months, as the cool weather of late spring and early fall is best for growing perfect heads.

**Bolgiano's New Century.** This variety succeeds when others fail, producing large, perfect heads 12 to 14 inches in diameter, compact, deep and solid, which outweigh those of any other strain. It is the earliest of all. One-third more can be planted in the same space than other varieties because of its close, compact habit.

**DANISH GIANT (Dry Weather).** Well adapted to localities having dry spells. Produces large, solid heads. One week earlier than Snowball.

**EXTRA-EARLY DWARF ERFURT.** Small plants with short outer leaves. Medium heads of uniform quality. A good late variety.

**SNOWBALL.** Early, very hardy and produces snow-white heads of good size. Our strain of this variety is unexcelled.

## BRUSSELS SPROUTS

**CULTURE.**—Sow in May, the same as cauliflower, and transplant in July, 2 feet apart in rows 2½ feet apart. Brussels Sprouts is the very best winter vegetable that can be grown. It is as hardy as the common curled greens. When cooked thoroughly, the sprouts melt in the mouth, like the tenderest cauliflower, and are equally good.

**BOLGIANO'S MATCHLESS LONG ISLAND IMPROVED.** Resembles cabbage very closely except that cabbage grows only one large head, but Brussels Sprouts grows large numbers of small, delicious, tender heads at each leaf-joint, the entire length of the stalk. These small heads measure from 1½ to 2 inches in diameter, and are light green. This improved strain is an exceptionally heavy yielder. Plant grows 1½ to 2 feet high. Brussels Sprouts are usually marketed packed in quart boxes and always bring a very high price. It is a profitable crop to grow.



Bolgiano's New Century Cauliflower



Bolgiano's  
Pride of  
the Market  
Carrot

ing; very hardy, withstanding drought in summer and cold in winter. Its flavor and cooking qualities are the very best.

## CORN SALAD

MACHE Zelfsalat Canonigos

**CULTURE.**—Sow during August or early September, in drills  $\frac{1}{4}$  inch deep and 6 inches apart. If the weather is dry when the seed is sown, tread it lightly to insure germination. Keep down weeds with hoe. Just before winter, cover thinly with straw or leaves.

One ounce of seed will sow 20 square feet; 6 pounds, an acre

**LARGE GERMAN.** Used as a salad and for garnishing.

## CRESS

BERRO Kreife Cresson

**CULTURE.**—Sow thickly in shallow drills, every two weeks. If cut often it will continue to grow. It is useful for salad and for garnishing.

**TRUE WATER.** Should be sown in damp soil, or if a stream of water can be utilized, it will be much finer. Cress thrives well in damp hotbeds. Rightly managed, the culture is very profitable. To obtain early salad, a good plan is to sow the seed on a strip 4 in. wide at the upper margin of a hot-bed, inside the frame, where it is always cool.

## CARROT

ZANAHORIA Möhre Carotte

**CULTURE.**—Carrots do best in warm, deep, rather light and fairly fertile soil. For earliest crop, sow seed of the early, short-rooted sorts in April or May, in drills 2 feet apart and thin to 2 inches. For main crop, sow in May or June or for succession even in July, using the long-rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3, or even 4 inches.

One ounce of seed will sow 100 feet of drill; 3 to 4 pounds an acre

**Bolgiano's Pride of the Market.** This early, tender, fine-grained, deliciously flavored Carrot has held its leadership since its introduction, and is still one of the best varieties brought to our markets. We named it Pride of the Market because it contains all the good qualities that go to make up a good Carrot. It is half long, deep scarlet-orange, free from small side roots, small tender core, uniform and graceful. It is fine for early crop, coming almost as early as Oxheart; in midsummer we have seen it outsell every other variety and for winter there is none like it. Its attractive tops stay green.

**BOLGIANO'S KING.** Six to 7 inches long when mature, but can be pulled earlier if a smaller size is wanted. This variety meets the wants of all classes of trade. It is deep orange, free of fibre and has a beautiful shape, tapering off to a rather sharp point.

**BOLGIANO'S NEW EXTREMELY EARLY ORANGE GEM.** Has small, fine tops, and bright orange-red roots, very crisp, tender, sweet, and coreless. Unexcelled for forcing and should be in every garden.

**CHANTENAY (Model).** An early, scarlet, stump-rooted Carrot with broad, thick shoulder. A heavy cropper.

**DANVERS HALF-LONG.** One of the heaviest croppers. Roots dark orange.

**EARLY OXHEART.** A very early Carrot, with shapely, tender, coreless roots of bright scarlet color. Our strain is of exceptionally fine quality.

**IMPROVED LONG ORANGE.** Uniformly deep orange, growing long, smooth, symmetrical roots of a rich, sweet flavor retained all winter. A tremendous yielder.

**LARGE WHITE BELGIAN.** Large roots 4 inches in diameter at the top and 10 inches in length, with white skin and flesh. These Carrots are grown for feeding stock during winter.

**ST. VALERY.** A late variety with long, smooth bright orange-red roots of rich, nutritious quality.

## COLLARDS

**GEORGIA SOUTHERN (Creole).** Forms a large, loose, open head, or a mass of leaves on a tall stem. Freezing does not injure but rather improves their quality. Sow thickly in drills, in rich ground, transplanting when 4 inches high, or sow in drill where the plants are to remain and thin to 1 or 2 feet apart in the row when of proper size. In the South, sow from January to May and August to October.

### NORTH CAROLINA SHORT STEM.

A decided improvement, which is very popular wherever grown. Stem is short and leaves large spreading.

CARROTS	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Bolgiano's Early Orange Gem...	\$0.10	\$0.20	\$0.45	\$1.50
Bolgiano's King .....	.10	.15	.40	1.25
Bolgiano's Pride of the Market..	.10	.15	.40	1.25
Chantenay (Model).....	.10	.15	.40	1.25
Danvers Half-Long.....	.10	.15	.40	1.25
Early Oxheart.....	.10	.15	.35	1.00
Improved Long Orange.....	.10	.15	.35	1.00
Large White Belgian.....	.10	.15	.25	.75
St. Valery.....	.10	.15	.40	1.00

### COLLARDS

Georgia Southern (Creole)....	.10	.15	.25	.75
North Carolina Short-Stem....	.10	.15	.25	.75

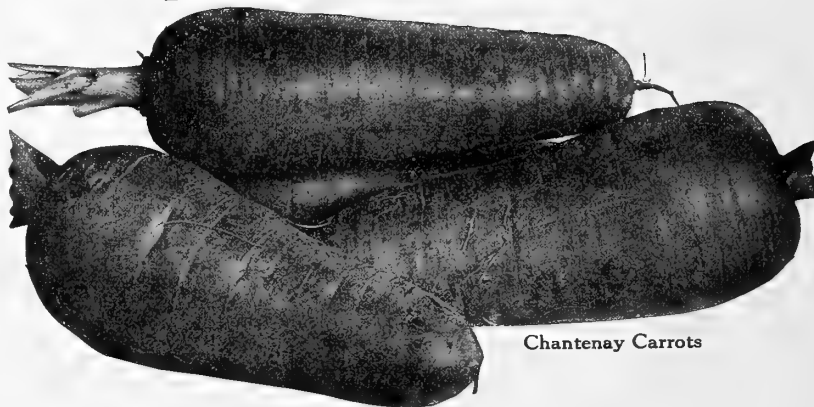
### CORN SALAD

Large German .....	.10	.15	.50	1.50
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### CRESS

True Water.....	.10	.40	1.25	4.00
Fine Curled or Pepper Grass...	.10	.15	.25	.80

We pay postage on packets, ounces,  $\frac{1}{4}$  pounds, and pounds



Chantenay Carrots



CELERY

APIO Cellerie Céleri

**CULTURE.**—Sow the last of March or early April in rich, mellow ground in shallow drills well pressed down, watering freely in dry weather. Pinch back the seedlings once or twice before planting out, to make them stocky. When 5 to 6 inches high, transplant the dwarf varieties in rows 3 feet apart and the taller sorts to rows 4 feet apart, 6 inches apart in the rows. Cultivate well and when large enough, blanch by earthing up. The first operation is that of "handling," generally done by the beginning of September. After the soil has been drawn up with the hoe, it is placed around each plant by hand to keep the leaves firm in upright position and prevent spreading. When plants have become "set" and are wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth nearly up to the tops of the plants. The method employed now for protecting it is by covering the tops of the banks with waterproof paper.

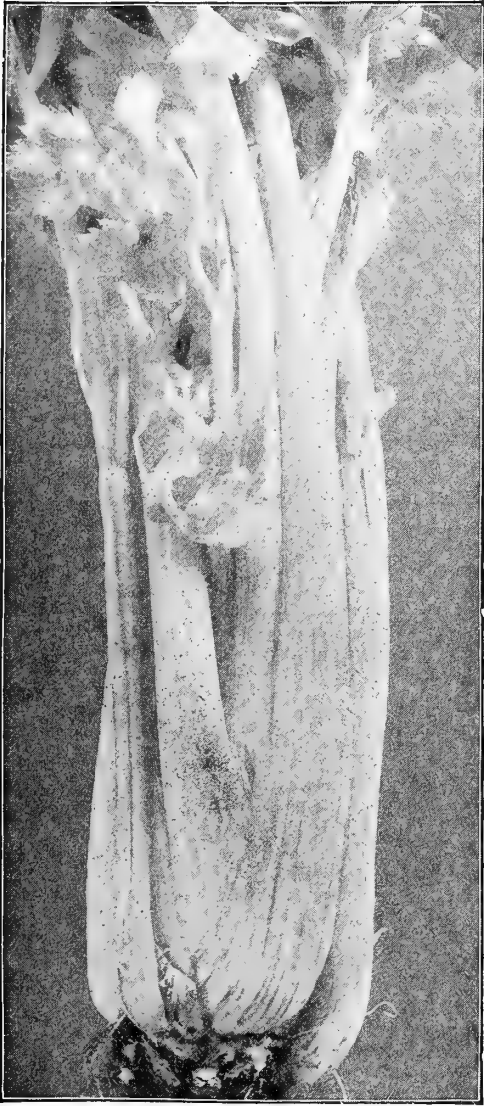
One ounce of seed produces about 2,500 plants or sows about 200 feet of row

Bolgiano's French Golden Self-blanching.

An excellent keeper which stands shipment better than any other sort and brings the highest market prices. It is vigorous, dwarf, compact, self-blanching to a very remarkable degree—even the ribs become handsome, fresh, clean, yellow—with a large, solid heart of beautiful, rich golden yellow. It is quite early and easy to cultivate. In the home garden it produces golden yellow stalks very early, which are crisp, tender, and nutty. It will keep in good condition until Christmas or New Year's. Our stock is grown especially for us by the originator in France.



Bolgiano's French Golden Self-blanching Celery



Bolgiano's Easy-blanching Celery

BOLGIANO'S EASY-BLANCHING.

A bulky plant of medium height, usually twice the size of other varieties, producing a great number of crisp, sweet stalks that excel in earliness, in quick-blanching, in flavor, and in tenderness.

**GIANT PASCAL.** A large, solid, excellent sort that blanches very quickly to beautiful yellowish white and is very solid, crisp, with a fine nutty flavor. Stalks broad and thick.

**GOLDEN HEART.** A gardener found in his Dwarf Golden Heart a few plants of larger growth. Careful selection, made for many years resulted in the Golden Heart, which excels it in size, solidity, and keeping quality.

**PERFECTED WHITE PLUME.** Extensively used on account of its extreme earliness. Its stalks and portions of its inner leaves and heart are naturally white and require simply tying the plant together or drawing the soil firmly against it.

**WINTER QUEEN (Pedigree Stock).** A good keeper of beautiful appearance. Ribs perfectly solid, crisp, and of delicious nutty flavor.

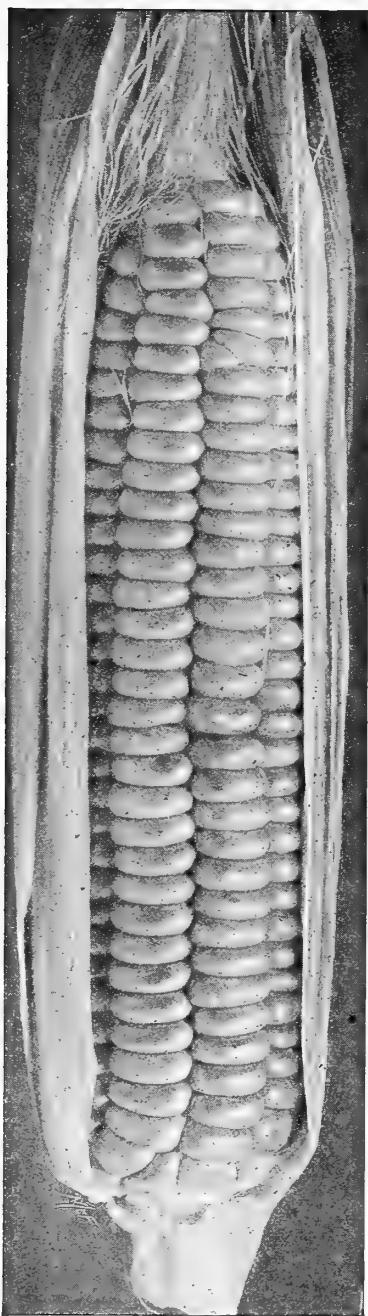
CELERIAC (TURNIP-ROOTED CELERY)

**GIANT FRENCH.** There is not a single item of interest in the growing and developing of seeds that we do not thoroughly investigate and test to see if there is something of value to our customers. Many thought the Celeriac which the market gardeners have had for years was good enough, but we are able to offer this splendid Celeriac of much better quality and productiveness.

**LARGE SMOOTH PRAGUE.** A large Celery-flavored root used extensively for soups, pickles, etc.; also relished sliced as a salad, with pepper and vinegar, or used to flavor chicken and potato salad.

CELERY	Pkt.	Oz.	1/4lb.	Lb.
Bolgiano's Easy-blanching	\$0.10	\$0.35	\$1.15	\$4.00
Bolgiano's French Golden Self-blanching	.10	.75	2.00	7.00
Giant Pascal	.10	.25	.75	2.50
Golden Heart	.10	.20	.65	2.25
Perfected White Plume	.10	.25	.75	2.50
Winter Queen	.10	.25	.75	2.50
CELERIAC or TURNIP-ROOTED CELERY				
Giant French	.10	.25	.75	2.50
Large Smooth Prague	.10	.25	.75	2.50





Bolgiano's Extra-Early Harvester Corn

white, medium-sized grains of the finest flavor. Our strain is bred to produce two good-sized ears to the stalk.

**COUNTRY GENTLEMAN.** Ears average 8 to 9 inches long, with small, plump cob filled zigzag from end to end with deliciously tender, pearly white kernels of great depth.



Corn seed is quickly and easily disinfected against Corn root-rots by dusting with Semesan Jr. at the rate of 3 ounces to the bushel of seed.

1 qt. is about 2 lbs.; 2½ qts. are about 5 lbs.; 10 lbs. are about ¾ peck; 15 lbs. are about 1 peck

## CORN FOR THE TABLE

MAIS Korn Maiz

**CULTURE.**—Seed of the sweetest varieties is liable to rot if planted in wet or cold ground. Plant five to six kernels to a hill in warm soil, making the rows 3 feet apart for the dwarf or early sorts, and 4 feet apart for the taller sorts. Hills should be 2 to 3 feet apart in the rows. Thin out to two plants in a hill. Planting should be made once a week, from the moment the ground is warm enough until about July 15, using the early varieties for the first three plantings.

Sow 1 quart of seed for 200 hills; 8 quarts per acre



Large can, enough for 2 bushels of Seed Corn (8 to 10 acres), \$1.50. Half-size can \$1, f.o.b. Baltimore, postage extra

### GARDEN CORN

These varieties are not Sugar Corn. They are hardier and can be planted earlier. Make excellent roasting ears

**ADAMS EXTRA-EARLY.** A splendid variety for early market.

**BOLEEARLY.** This is the earliest roasting-ear variety that can be brought to market. It is very hardy, can be planted as soon as the soil begins to warm, and can be cut for market in 50 to 55 days. Ears 6 to 8 inches long, pure white, with medium-sized kernels. It frequently produces two ears to the stalk. Very attractive.

**TRUCKERS' FAVORITE.** Used largely in Baltimore and the South as a table Corn.

**65-DAY WHITE COB.** This extremely early Corn looks like Snow-White Evergreen, but is ready for the market in 60 to 65 days from planting.

## SWEET OR SUGAR CORN

### Early Varieties

**Bolgiano's Extra-Early Harvester.** A white Corn which is earlier than Golden Bantam, much sweeter, with larger ears and very prolific. It is very hardy and can be sown just as soon as the ground begins to warm up. A very fine home-garden variety and very profitable to the market gardener because of its earliness and high quality.

**BARDEN'S WONDER BANTAM.** This Corn was developed to fill an ever-increasing demand for an early Sweet Corn, with the good qualities of Golden Bantam and larger ears. It matures about the same time.

**BOLGIANO'S CREAM AND HONEY.** An extremely early Sugar Corn which can be sown earlier than any other sort, and which produces large, well-filled ears of most delicious flavor within an amazingly brief space of time.

**EARLY MAMMOTH SUGAR.** The gardener's favorite. Two weeks earlier than Late Mammoth.

**EXTRA-EARLY EVERGREEN.** One week earlier than Stowell's Evergreen.

**GOLDEN BANTAM.** This very early, yellow-grained Corn is remarkably sweet and tender.

**HOWLING MOB.** Superb long ears of sweetest quality.

### General and Late

**STOWELL'S EVERGREEN.** The most profitable general-crop Sweet Corn. Stalks grow about 8 feet high, with ears from 7 to 9 inches long and from 14 to 16 rows of deep,

GARDEN CORN	Pkt.	1lb. (Pt.)	2lbs. (Qt.)	15 lbs.	100 lbs.
Adams Extra-Early	\$0.10	\$0.30	\$0.50	\$2.15	\$12.00
Adams Second Early	.10	.30	.50	2.00	10.00
Bolearly	.10	.35	.65	2.75	16.00
Truckers' Favorite	.10	.30	.50	2.00	10.00
65-Day White Cob	.10	.30	.50	2.00	11.00
XX Extra Early Adams	.10	.30	.50	2.25	12.00

### SWEET OR SUGAR CORN

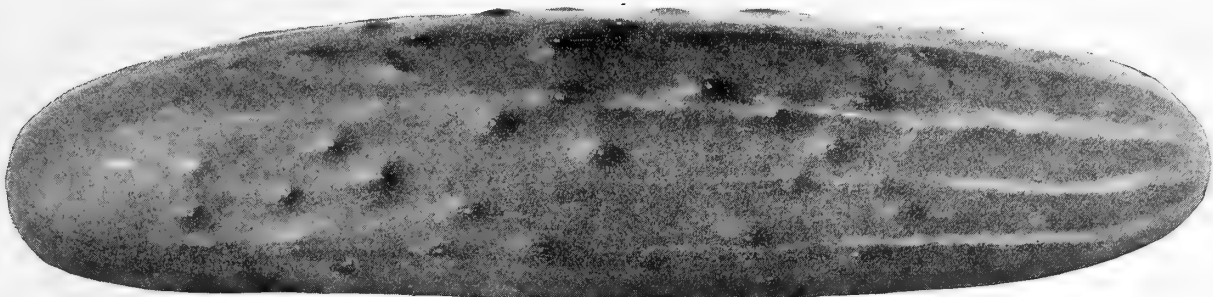
#### Early Varieties

Barden's Wonder Bantam	.10	.40	.75	3.25	18.00
Bolgiano's Cream and Honey	.10	.40	.75	3.25	18.00
Bolgiano's Extra-Early Harvester	.10	.40	.75	3.25	18.00
California Country Gentleman	.10	.35	.65	2.75	16.00
Early Mam. Sugar	.10	.35	.65	2.75	15.00
Ex-Early Evergreen	.10	.35	.65	2.75	15.00
Golden Bantam	.10	.35	.65	3.00	16.00
Howling Mob	.10	.35	.65	3.00	16.00
Premo 60-Day	.10	.35	.65	2.75	16.00
Whipples Early White	.10	.40	.75	3.00	16.00

#### General and Late Crop

Black Mexican	.10	.35	.65	3.25	18.00
Country Gentleman	.10	.35	.65	3.00	16.00
Shoe Peg	.10	.35	.65	3.00	16.00
Stowell's Evergreen	.10	.35	.65	2.75	15.00
White Evergreen	.10	.35	.65	2.75	15.00

We pay postage on 1 and 2 lbs. Larger quantities, postage extra



Bolgiano's Early Fortune Cucumber

CUCUMBER

CONCOMBRE Gurfen Cobombro

CULTURE.—For very early crop, sow upon pieces of sod in hotbeds, or in small pots and the seedlings can be set out before they can be sown in the open. Plant out in rich soil when danger of frost is over, or protect by hand-glasses, or by paper held down at the corners with earth. For general crops, sow in the open as soon as the weather is settled and warm, and every two weeks for a succession. For pickles, sow from middle of June to early July. Sod land, turned over in the fall, is the best for them. Plant in hills 4 feet apart, putting a shovelful of well-rotted manure in each hill.

One ounce of seed will sow 50 hills; 2 pounds 1 acre

**ARLINGTON WHITE SPINE.** For many years the standard slicing and market variety. Very prolific; dark green.

**Bolgiano's Crystal Springs.** The attractive rich, glossy, deep green fruits retain their color to the very tips, are mildew-proof, and never turn yellow. They are of perfect shape, color and size, with firm, fine-grained flesh of superb quality, entirely free from bitterness, and having very few seeds. Fine for slicing. An extra-early, heavy, continuous bearer. Ideal for shipping, market or home use.

**BOLGIANO'S EARLY FORTUNE.** Fruits of model shape and the most inviting deep green. Extremely early; wonderfully productive.

**BOSTON PICKLING.** Short, smooth, light green fruits, pointed at each end. A great yielder. For pickling.

**CHICAGO or WESTERFIELD PICKLING.** Fine for market gardeners. Fruit deep green, medium length, pointed at each end, with large spines. Very prolific. A fine pickling variety.

**DAVIS PERFECT.** Noted for producing the only Cucumbers of quality which compete with hothouse-grown stock. Very slender, almost seedless, cylindrical and tapered at the ends. It resembles the expensive English forcing varieties and is superseding them in the markets.

**EARLY FRAME or EARLY SHORT GREEN.** Desirable for pickles of medium size and fine quality.

**IMPROVED JERSEY PICKLING.** Medium length, very shapely, and holds its color. Prolific.

**IMPROVED LONG GREEN.** It is used for an early long slicing sort and gets on the market a week ahead of most good slicers, bringing the early money.

**KLONDIKE.** Very dark green variety, 6 to 7 inches long and 2 inches thick; remains crisp a long time. A fine market sort.

**SNOW'S FANCY PICKLING.** This type is shorter when ripe than the Chicago Pickling and is broad at the stem end, tapering slightly to the tip.

**WEST INDIAN GHERKIN.** The only genuine Gherkin. Small, oval, light green and covered with spines.

BERENJENA Aubergine EGGPLANT Eierpfanze

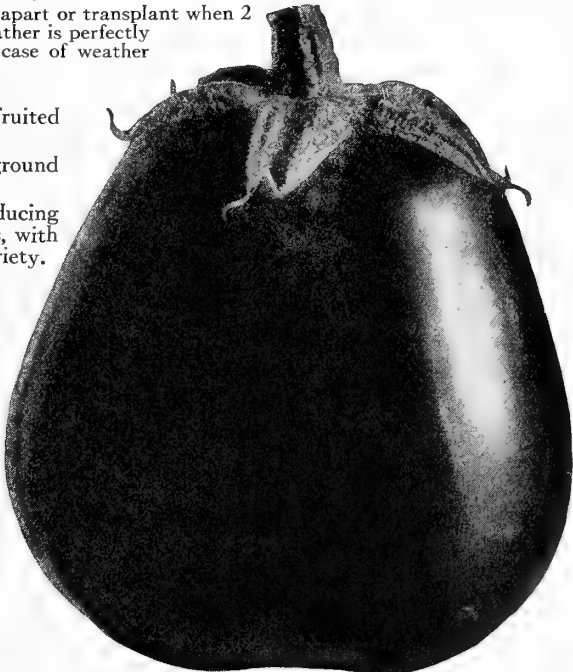
CULTURE.—Sow in hotbeds very early in spring and thin to 4 inches apart or transplant when 2 inches high into a second bed or small pots. Do not plant out until weather is perfectly settled and warm. Keep some back in frames for a second planting, in case of weather changing unfavorably. Set out plants 3 by 3 feet.

One ounce of seed will produce 500 plants

**Bolgiano's Black Beauty.** The earliest and best of all large-fruited Eggplants.

**FLORIDA HIGH-BUSH.** Holds its fine purple fruits well off the ground and resists drought and wet weather. Very productive.

**NEW YORK IMPROVED SPINELESS.** A vigorous grower, producing until frost an abundance of large, fine, rich purple, spineless fruits, with white flesh of delicious flavor. We can highly recommend this variety.



Bolgiano's Black Beauty Eggplant

CUCUMBER	Pkt.	Oz.	1/4lb.	Lb.
Arlington White Spine.....	\$0.10	\$0.15	\$0.35	\$1.00
Bolgiano's Crystal Springs.....	.10	.15	.45	1.50
Bolgiano's Early Fortune.....	.10	.15	.40	1.25
Boston Pickling.....	.10	.15	.40	1.25
Chicago or Westerfield Pickling.....	.10	.15	.40	1.00
Davis Perfect.....	.10	.15	.40	1.25
Early Frame or Early Short Green.....	.10	.15	.40	1.00
Improved Jersey Pickling.....	.10	.15	.40	1.25
Improved Long Green.....	.10	.15	.45	1.50
Japanese Climbing.....	.10	.15	.45	1.50
Klondike.....	.10	.15	.35	1.00
New Lemon.....	.10	.15	.45	1.50
Snow's Fancy Pickling.....	.10	.15	.40	1.00
West Indian Gherkin.....	.10	.20	.60	2.00
EGGPLANT				
Bolgiano's Black Beauty.....	.10	.50	1.50	5.00
Florida High-Bush.....	.10	.50	1.50	5.00
New York Improved Spineless.....	.10	.45	1.50	5.00

We pay postage on packets, ounces, 1/4pounds, and pounds



Broad-leaved Batavian Endive



Bolgiano's Dwarf Scotch Kale

## KOHLRABI

CHOU-RAVE Kohlrabi Col rabano

**Best-of-All.** Combines the qualities of the finest varieties. Round like an apple, fine, smooth skin. Leaves, very few, erect, enabling grower to plant closer and helps him in bunching. Flesh is unsurpassed in tenderness and flavor. Best-of-All will not run to seed in frosty weather. Equally valuable for forcing or open-ground culture.

**EARLIEST WHITE VIENNA.** A well known variety, whitish green in color, with small tops which matures very early. Sweet flavor; very tender.

**PURPLE.** Equally good as White Vienna, but matures about a week later. It is light purple.

ENDIVE	Pkt.	Oz.	1/4lb.	Lb.
Bolgiano's Self-blanching.....	\$0.10	\$0.15	\$0.50	\$1.50
Broad-leaved Batavian.....	.10	.15	.40	1.25
Green Curled.....	.10	.15	.40	1.25
<b>KALE</b>				
American Extra Curled Long-standing.....	.10	.15	.20	.65
Curled German.....	.10	.15	.20	.65
Extra-Dwarf Green Curled Scotch (Norfolk).....	.10	.15	.25	.90
Hardy Winter.....	.10	.25	.75	2.25
Imperial Very Curly Long-standing.....	.10	.15	.25	.75
Siberian Curled.....	.10	.15	.25	.75
Spring or Smooth.....	.10	.10	.15	.35
<b>KOHLRABI</b>				
Best-of-All.....	.10	.25	.75	2.25
Earliest White Vienna.....	.10	.25	.65	2.00
Purple.....	.10	.25	.65	2.00

We pay postage on packets, ounces, 1/4pounds, and pounds

## ENDIVE

ESCAROLA O ENDIBIA Endivien Chicorée

One ounce of seed will sow 150 feet of row

**Bolgiano's Self-blanching.** A perfect self-blanching curled Endive, beautiful and graceful in shape, of most attractive color, shading from rich gold in the heart to outer leaves of emerald-green.

**BROAD-LEAVED BATAVIAN.** The leaves are large and broad, with slightly cut edges. It can be blanched, but is more generally cooked like spinach, or used as flavoring for soups, stews, etc. Called "Escarolle" in the South.

**GREEN CURLED.** Much better than the common varieties. An attractive and ornamental type

## HORSE-RADISH ROOTS

By mail, postpaid, 30 cts. per doz.; by express, not prepaid, 60 cts. for 50, \$1 per 100, \$2.75 for 300, \$4.25 for 500, \$8 per 1,000

## KALE

BRETON Knollkohl Chou

**CULTURE.**—Kale is hardier than cabbage, and makes excellent greens for winter and spring use. They are improved by frost. Sow in March and April, and cultivate like cabbage. For early spring use, sow in September and protect during winter. Some varieties are so hardy that the leaves may be dug from beneath the snow in winter for greens.

One ounce will produce about 5,000 plants

**CURLED GERMAN.** A hardy sort that stands the frost of our severest winters and grows rapidly. It is of dwarf habit and beautifully curled.

**EXTRA-DWARF GREEN CURLED SCOTCH (Norfolk).** One of the best for spring sowing in the North and the principal sort grown in the South for northern markets. It is hardy, and will live over winter where the temperature does not go below zero. Very dwarf and spreading, rarely exceeding 18 inches. Leaves are bright green, beautifully curled, and are produced in abundance.

**HARDY WINTER (Borecole).** Around Baltimore, sown in May, and transplanted like cabbage to stand over winter. It is taller than the extra-dwarf varieties, and when the first leaves are stripped, tender new leaves quickly grow out. It will endure the coldest winter, and has always been an exceptionally profitable crop, bringing money during the winter months when most vegetables are scarce.

**IMPERIAL VERY CURLY LONG-STANDING.** Beautifully curled and crimped sort of strong, vigorous habit, perfectly hardy, bright green. Superior to all late sorts. Will stand a long time before shooting to seed.

**SIBERIAN CURLED.** The leaves are very large and comparatively plain in the center, but heavily curled at the edges. It is a fast grower, extremely hardy, and will stand longer in the spring without bolting than any other variety.

**SPRING (Smooth).** A hardy, quick-growing, smooth-leaved variety. The best for spring sowing, but largely sown in the fall, making greens earlier than the winter varieties.



Best-of-All Kohlrabi



LETTUCE

LECHUGA    Lattich    Laitue

**CULTURE.**—For early summer use, sow in hotbeds in March, and every two weeks for succession. Transplant to rows 2 feet apart and 8 to 12 inches apart in the row. For winter use, sow in August, transplant to frames, using the early heading varieties. The Cos varieties must be tied up a few days in order to blanch.

One ounce of seed will produce 3,000 plants; two pounds to the acre

Heading Varieties

**BIG BOSTON.** Standard variety used by large growers throughout the country, for early spring and late fall crop. Produces a large, solid cabbage-like head. The few outer leaves are light green while the center is white, very brittle, and sweet.

**Bolgiano's Masterpiece.** Sure header; very solid; beautifully blanched; crisp as ice; mild, tender, sweet, delicious flavor. Does well in any section of the country. A very profitable Lettuce to grow. We recommend this variety very particularly for its combination of all desirable qualities for both home and market use.

**BOLGIANO'S SURE SUMMER HEADER.** This is the best midsummer variety, resisting heat and drought, and remains in a heading condition longer than any other. It is a sure header in the hottest, driest weather and proves a big success when all others fail. The heads are of good size, very solid, and bright, fresh green.

**HANSON.** Heads large, solid, crisp, and tender. One of the finest market varieties for the summer months.

**ICEBERG.** The heads are large, crisp, solid, and tender.

**MAY KING.** Handsome, light green, but often the edges of the outer leaves have a brownish tinge. It is of medium size, excellent quality, and matures exceptionally early, attaining usable size before other sorts.

**NEW YORK or WONDERFUL LETTUCE.** A decidedly crisp variety; strictly cabbage head. Very large. Extremely slow to shoot to seed. Hardy, well blanched; sweet, delicious flavor.

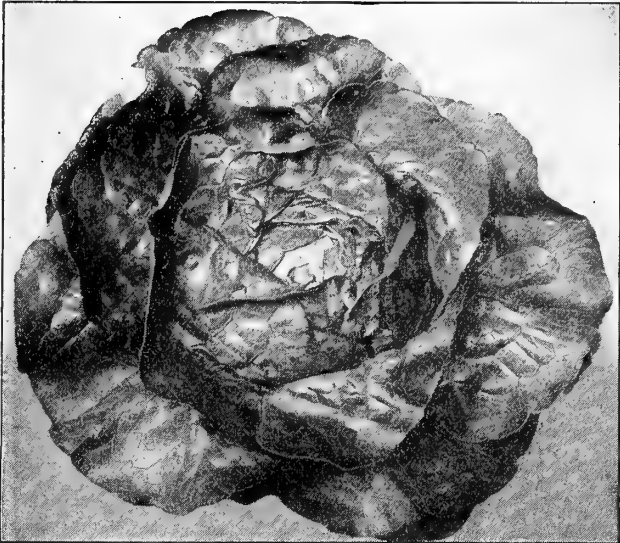
**WAYAHEAD.** Shows a remarkable combination of earliness, firm heading, handsome appearance, and fine quality. The outer leaves are light green, and the inner-head blanches to rich, buttery yellow. Retains its good quality throughout the season and stands longer without going to seed than many others.

Cos or Celery Lettuce

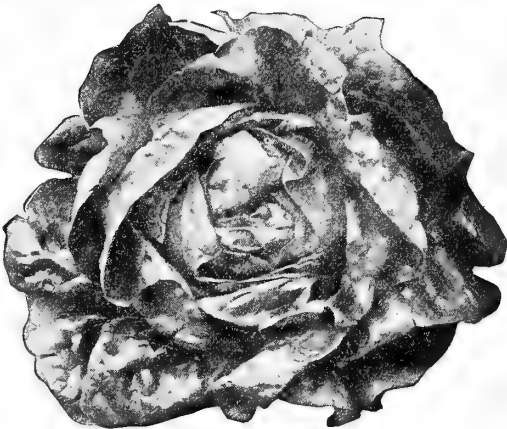
**PARIS SELF-FOLDING (Trianon White Cos).** Grows very large, producing long-pointed, compact bunches. The inner leaves blanch readily and are of fine flavor.



Paris Self-folding Lettuce



Big Boston Lettuce



Wayahead Lettuce

Loose-head Varieties

**BLACK-SEEDED SIMPSON.** Very large, finely fringed.  
**EARLY CURLED SIMPSON (White Seed).** Quick-growing and hardy. Forms a tight bunch of very tender, crisp leaves of excellent quality.  
**GRAND RAPIDS.** Finely curled or fringed edges. Its delicious quality and handsome appearance make it most popular.

LETTUCE	Pkt.	Oz.	1/4lb.	Lb.
Big Boston.....	\$0.10	\$0.15	\$0.40	\$1.25
Black-seeded Simpson.....	.10	.15	.45	1.50
Bolgiano's Masterpiece.....	.10	.30	.85	3.00
Bolgiano's Sure Summer Header.....	.10	.25	.65	2.25
California Cream Butter.....	.10	.15	.45	1.50
Early Curled Simpson.....	.10	.15	.45	1.50
Early Prize Head.....	.10	.15	.45	1.50
Grand Rapids.....	.10	.15	.45	1.50
Hanson.....	.10	.15	.45	1.50
Iceberg.....	.10	.20	.50	1.75
Long Lost.....	.10	.30	.60	2.00
May King.....	.10	.20	.50	1.50
Millionaire.....	.10	.20	.60	2.00
New York (Wonderful).....	.10	.25	.75	2.25
Unrivaled.....	.10	.25	.60	2.00
Wayahead.....	.10	.20	.50	1.75
COS OR CELERY LETTUCE				
Eclipse or Express.....	.10	.25	.75	2.50
Paris Self-folding (Trianon White Cos)...	.10	.25	.50	1.75

We pay postage on packets, ounces, 1/4pounds, and pounds

# MUSKMELONS

(CANTALOUPE)

MELON DE CASTILLA Bidam-Melone Cantaloup

**CULTURE.**—A sandy loam enriched with well-rotted manure is ideal. Plant in May, when the ground is warm, in hills 5 feet apart each way, twelve to fifteen seeds to the hill, and cover  $\frac{1}{2}$  inch deep. To prevent damage by insects, spray with Pyrox. Thin out a few plants after they show good growth, and when danger of insects is over remove all but two plants to the hill. For an early crop, sow seed in berry-boxes, placed in hotbeds and transplant outdoors; do not disturb the roots.

One ounce of seed will sow 60 hills; 2 pounds, an acre

**BANANA.** Of exquisite flavor—like a banana. Not a mere curiosity, but is in such favor as to command prices of from 50 cts. to \$1 for a single specimen.

**BOTTOMLEY.** Fruits of uniform size, oval, slightly pointed, beautifully netted and most attractive. Thick greenish flesh and shading to frosty salmon, very crisp and fine-flavored.

**BURRELL'S GEM.** Of good size, handsome appearance, and fine flavor. The skin is a rich, dark green, contrasting finely with the deep orange-salmon flesh.

**EDEN GEM (Netted Rocky Ford).** A magnificent selection from the old Rocky Ford, which it completely surpasses in lusciousness. A heavy yielder and a good shipper.

**PEARL PINK MEAT.** A new variety of fine quality. Oval, with skin the color of pearl, and a very fine flavor.

**POLLOCK 10-25.** Tender, sweet-flavored, salmon flesh, without strings or toughness. Excellent shipper. Good seller.

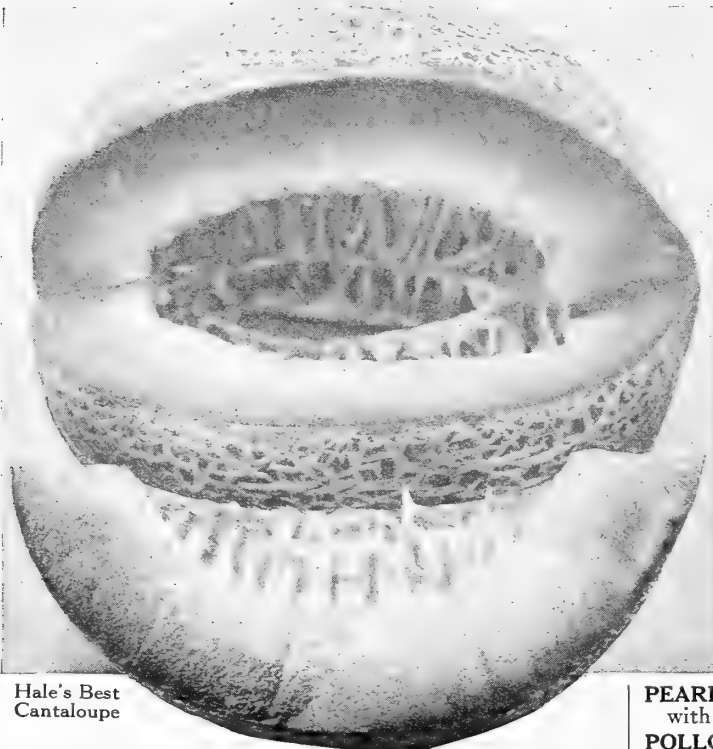
**ROCKY FORD.** (Thoroughbred Stock.) Meat light green, slightly golden yellow near the center; very spicy and sweet. An abundant yielder, having produced 300 standard crates from one acre. An excellent shipper.

**WATTERS' IMPROVED SOLID NET ROCKY FORD.** The earliest strain of Rocky Ford. Meat light green, spicy, and sweet. The heavy gray netting is closely laced.

POIREAU LEEK *Sauß Puerro*

**CULTURE.**—Sow early in April, in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil in rows 2 feet apart and 6 inches apart in the rows, as deep as possible, so that the neck may be covered and blanched. Draw the earth to them as they grow.

**BOLGIANO'S FAMOUS MAMMOTH KING.** Pure white; attractive leaves; stout habit and hardy. The edible part is 8 to 15 inches long, and 3 to 5 inches in diameter.



Hale's Best Cantaloupe

**HALE'S BEST.** An extremely early, prolific sort; a good shipper and about 10 per cent larger than the Rocky Ford types. Flesh salmon, exceptionally thick. Heavily netted and fairly prominent ribs.

**HEARTS OF GOLD.** One of the finest pink-fleshed types and an excellent shipper that retains its flavor.

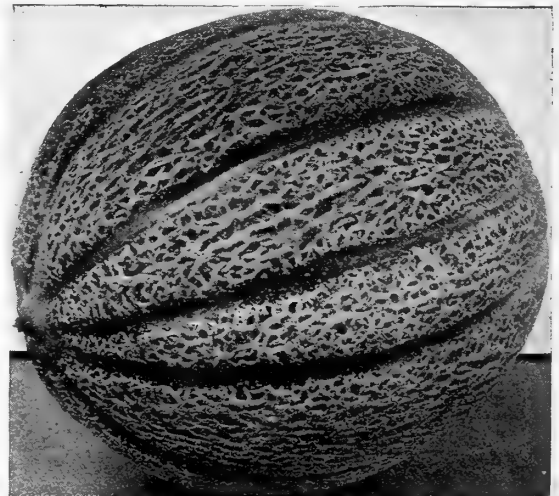
**HONEY DEW, GREEN-FLESHED.** The thin, smooth rind is very tough and creamy yellow when ripe. Will keep until Christmas. Flesh emerald-green; can be eaten to the extreme rind. A good shipper.

**HONEY DEW, SALMON-FLESHED.** Identical with Honey Dew except the flesh is beautiful salmon.

**Improved Junior Rocky Ford.** Through painstaking selection we have further perfected this type. It has a deep stripe, thickly and roughly netted, is of uniform size and has deep, rich flesh of attractive salmon-pink. The vines are very resistant to blight.

MUSKMELON OR CANTALOUPE	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Baltimore Nutmeg.....	\$0.10	\$0.15	\$0.40	\$1.25
Banana.....	.10	.15	.45	1.50
Bottomley.....	.10	.20	.65	2.00
Burrell's Gem.....	.10	.15	.30	1.00
Eden Gem (Netted Rocky Ford).....	.10	.15	.40	1.25
Edward's Perfecto.....	.10	.15	.40	1.25
Extra Early Hackensack.....	.10	.15	.40	1.25
Hale's Best.....	.10	.25	.50	1.50
Hearts of Gold.....	.10	.20	.45	1.50
Honey Ball.....	.10	.25	.60	1.75
Honey Dew, Green-fleshed.....	.10	.15	.45	1.50
Honey Dew, Salmon-fleshed.....	.10	.15	.45	1.50
Improved Jenny Lind.....	.10	.15	.30	1.00
Improved Junior Rocky Ford.....	.20	.35	.75	2.00
Melting Gold Rocky Ford.....	.10	.20	.45	1.50
Netted Gem.....	.10	.15	.40	1.25
Pearl Pink Meat.....	.10	.15	.40	1.25
Pollock 10-25.....	.10	.15	.40	1.25
Rocky Ford.....	.10	.15	.30	1.00
Watters' Improved Solid Net Rocky Ford.....	.10	.15	.30	1.00
<b>LEEK</b>				
Bolgiano's Famous Mammoth King....	.10	.25	.75	2.50
Extra Large American Flag or Broad London.....	.10	.20	.65	2.25

We pay postage on packets, ounces,  $\frac{1}{4}$ pounds, and pounds



Hearts of Gold Cantaloupe

ONION

CEBOLLA Zwiebel Oignon

CULTURE.—By sowing seed under glass in January, February, or even March, and transplanting in April to open ground, 3 to 4 inches apart in the rows, large bulbs may be produced the first season from seed.

One ounce of seed will sow 100 feet of drill; 4 to 5 lbs. an acre

**EBENEZER (Japanese).** Nearly globe shape, of beautiful, deep straw-color, delightfully mild and sweet. Abundant producer.

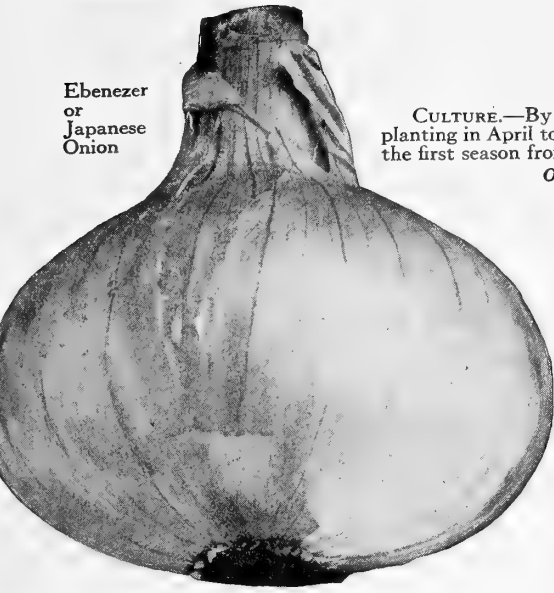
**EXTRA-EARLY PEARL (White Queen; Barletta).** Enormous, full-size bulbs from seed the first season. Skin and flesh pure white and waxy, flesh delicate and tender. Often grows 6 inches in diameter and weighs three pounds. Valued as a very early sort.

**LARGE WHITE PORTUGAL.** The standard, large, flat variety.

**MAMMOTH PRIZETAKER.** Immense bulbs (12 to 18 inches in circumference), bright straw-color; flesh white.

**RED WETHERSFIELD.** Beautiful, large, handsome, and globe-shaped. Perfect form; skin polished deep red; flesh purplish white; fine grained. Produces enormous Onions.

**SOUTHPORT LARGE RED GLOBE.** Produces large, handsome, globe-shaped bulbs from seed the first season. Glossy, purplish skin. Little later than Red Wethersfield. Flesh fine-grained, mild and tender; excellent keeper.

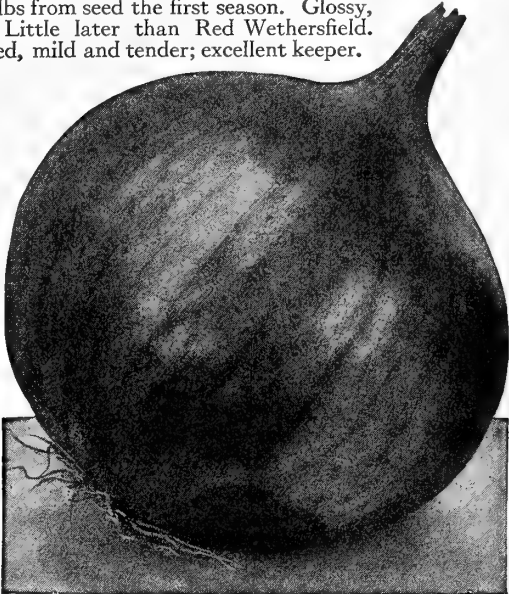


**SOUTHPORT LARGE YELLOW GLOBE.** Perfectly globe-shaped and larger than Globe Danvers, but later. Pale yellow, a heavy cropper. An excellent keeper Easily grown from seed the first year.

**SOUTHPORT WHITE GLOBE.** Large, beautiful, globe-shaped, clear white Onion with firm, fine-grained flesh of mild flavor. Keeps well and commands the highest market prices.

**WHITE SILVERSKIN.** Its delicate mild flavor, fine form, and pure white color make it a splendid table variety, and most profitable for market and shipping. Bulbs should be harvested as soon as ripe and dried in the shade to preserve their silvery white appearance.

**YELLOW GLOBE DANVERS.** Handsomely formed, very thick bulb, with small neck. Very early; enormous cropper; keeps perfectly. Large, solid, and heavy.



Southport Yellow Globe Onion

BERMUDA ONIONS

Genuine Teneriffe-grown

**CRYSTAL WAX BERMUDA.** Same shape and size as White Bermuda but skin is pure waxy white. Matures in about 100 days. Carries well when shipped. A very attractive and desirable sort.

**RED BERMUDA.** Shape and size similar to the White, differing only in color. An excellent sort.

**WHITE or YELLOW BERMUDA.** Skin light straw-color; flesh pure white of mild, delicate flavor. Will produce full-grown Onions from seed the first season.

ONION SETS

CULTURE.—Plant in drills 18 inches apart, and 4 inches apart in the rows. Must have high culture.

We give a bushel weighing 32 pounds

**Ebenezer (Japanese)**  
**Red Wethersfield**

**White Silverskin**  
**Yellow Globe Danvers**

MUSTARD

MOSTAZA Senf Moutarde

Try Mustard cooked like spinach—it is delicious.

One ounce of seed will sow 100 feet of drill

**CHINESE BROAD-LEAF.** The leaves are twice the size of the ordinary White Mustard, and the flavor is sweet and pungent.

**OSTRICH PLUME (Fordhook Fancy).** Vigorous grower with beautiful, dark green, pungent leaves that curve outward like a fine ostrich plume. The edges are as thoroughly curled and laciniated as the best double curled parsley, making it equally desirable for garnishing. Attractive as ornamental border plant.

**SOUTHERN GIANT CURLED.** The true curled-leaf variety, sweet flavored, pungent, and succulent; used for early salad.

ONION	Pkt.	Oz.	1/4lb.	Lb.
Australian Brown.....	\$0.10	\$0.15	\$0.50	\$1.75
Ebenezer (Japanese)....	.10	.30	1.00	3.25
Extra-Early Pearl .....	.10	.30	.90	2.75
Large White Portugal ...	.10	.30	.90	3.00
Mammoth Prizetaker ...	.10	.20	.65	2.25
Red Wethersfield.....	.10	.20	.60	2.00
Southport Red Globe... ..	.10	.20	.65	2.25
Southport Yellow Globe..	.10	.20	.65	2.25
Southport White Globe... .	.10	.35	1.00	3.00
White Silverskin.....	.10	.30	.90	2.75
Yellow Globe Danvers... .	.10	.20	.65	2.25

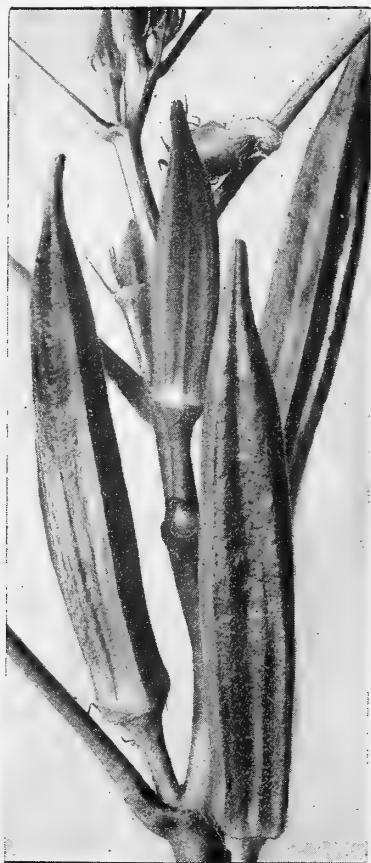
GENUINE TENERIFFE-GROWN BERMUDA				
Crystal Wax Bermuda...	.10	.75	1.50	3.75
Red Bermuda.....	.10	.40	.90	3.00
White or Yellow Bermuda	.10	.35	.75	2.50

ONION SETS	1 lb.	8 lbs.	32 lbs.
(Qt.)	(Pk.)	(Bus.)	
Ebenezer (Japanese).....	\$0.30	\$1.25	\$3.75
Red Wethersfield .....	.25	1.00	3.50
White Silverskin.....	.35	1.25	4.00
Yellow Globe Danvers.....	.25	1.00	3.50

Onion Sets are quoted f.o.b. Baltimore, subject to market changes. Postage, freight and express charges must be included in remittance. Note weight given.

MUSTARD	Pkt.	Oz.	1/4lb.	Lb.
Chinese Broad-leaf.....	\$0.15	\$0.15	\$0.25	\$0.75
Ostrich Plume.....	.10	.15	.25	.75
Southern Giant Curled... .	.10	.15	.25	.75

We pay postage on packets, ounces, 1/4pounds, and pounds



Perkins' Mammoth Long-podded Okra

## MUSHROOMS

**AMERICAN PURE CULTURE.** Easily grown and very profitable. This strain is very active and produces a large number of Mushrooms of the finest quality. One brick of Spawn will plant about 10 square feet of surface.

## QUIMBOMBO OKRA or GUMBO *Ibisco*

One ounce of seed will sow 40 feet of drill; 10 pounds, an acre

**Bolgiano's Imperial Dwarf Short-Podded.** Dwarf plants with shapely, dense pods of attractive pea-green. Flavor is exceptionally rich.

**DWARF GREEN PROLIFIC.** Rich green pods of fine flavor.

**LADY FINGER.** Pods fine, round, white, and smooth.

**PERKINS' MAMMOTH LONG-PODDED.** Pods shoot out from the stalk within 3 inches of the ground and the whole plant is covered with them. They are intense green, 9 to 10 inches long, very slim, and do not get hard.

**WHITE VELVET.** Very long perfectly smooth pods, never prickly.

## PARSLEY *One ounce will sow 200 feet of drill;*

*4 pounds, an acre*

PERZIL *Petersilie* Persil

**Bolgiano's Green Mountain Triple Curled.** Produces an abundance of finely cut, beautifully curled leaves of attractive, brilliant, deep green. A table garnish of rare beauty.

**EXTRA-DARK CHAMPION MOSS CURLED.** The large, moss curled leaves are rich, dark green.

**MARKET GARDENER'S TRIPLE CURLED.** Very handsome, dark green leaves, beautifully curled.

## PARSNIP *One ounce of seed will sow 100 feet of drill;*

*4 to 5 pounds, an acre*

CHIRIVIA *Pastinate* Panais

**Bolgiano's Hollow Hub.** Hollow crowned to a remarkable degree, and is almost entirely without core. It has firm, tender flesh, and a delicious, delicate flavor. Small, uniform growth—as perfect as possible to produce by the most careful selection and breeding.

**HOLLOW-CROWN SUGAR.** Has thick shoulders, and tapers symmetrically to a single taproot. Uniformly smooth, with fine-grained flesh, and good quality.

**MUSHROOMS.** Brick, 35 cts.; 5 bricks, \$1.25; 100 bricks, \$20. Postage or express extra.

### OKRA OR GUMBO

	Oz.	1/4lb.	Lb.
Bolgiano's Imperial Dwarf Short-podded.....	\$0.10	\$0.25	\$0.75
Dwarf Green Prolific .....	.10	.25	.75
Lady Finger .....	.10	.25	.75
Perkins' Mammoth Long-podded .....	.10	.25	.75
White Velvet .....	.10	.25	.75

### PARSLEY

	Pkt.	Oz.	1/4lb.	Lb.
Bolgiano's Green Mountain Triple Curled.\$0.10		\$0.20	\$0.50	\$1.50
Extra-Curled Dwarf or Emerald .....	.10	.15	.25	.85
Extra-Dark Champion Moss Curled.....	.10	.20	.50	1.50
Fine Double Curled.....	.10	.15	.25	.85
Hamburg Rooted.....	.10	.25	.60	2.00
Market Gardener's Triple Curled.....	.10	.15	.40	1.25
Plain or Single .....	.10	.15	.30	1.00

### PARSNIP

Bolgiano's Hollow Hub.....	.10	.15	.25	.75
Hollow-Crown Sugar.....	.10	.15	.30	.90

We pay postage on packets, ounces, 1/4pounds, and pounds

## HERBS

	Pkt.	Oz.	1/4lb.
Basil, Sweet.....	\$0.10	\$0.20	\$0.60
Caraway.....	.10	.20	.60
Chives.....	.10	.60	1.75
Coriander.....	.10	.15	.45
Dill, Mammoth.....	.10	.15	.45
Fennel, Sweet.....	.10	.25	.75
Horehound.....	.10	.30	.95
Lavender.....	.10	.25	.80
Marjoram, Sweet.....	.10	.25	.80
Martynia.....	.10	.40	1.15
Rosemary.....	.10	.45	1.25
Sage.....	.10	.50	1.35
Savory, Summer.....	.10	.20	.60
Sorrel.....	.10	.60	1.75
Thyme.....	.10	.50	1.35



Bolgiano's Green Mountain Triple Curled Parsley



PEAS

GUISANTES Erbsen Pois

Weight by Parcel Post including packing: Pt., 2 lbs.; qt., 3 lbs.; 4 qts., 9 lbs.; pk., 17 lbs. Parcel Post table, see page 79

Those marked with a star (\*) are wrinkled Marrows, and unless otherwise stated should be sown thicker than the round Peas, and not until the ground has become warm, as they are more liable to rot. They have the finest flavor of all Peas.

Extra-Early Varieties

**Bolgiano's Early Bird.** Unsurpassed for extreme earliness, superb quality, and unusual productiveness. The dwarf, vigorous vines, 2 to 2½ feet high bear an abundance of large, beautiful, deep green pods 4 to 4½ inches long, filled with nine or ten large, delicious Peas. Can be sown as soon as the ground can be worked, as they do not rot like the fully wrinkled varieties, and can be used as early as Alaska.

**AMEER.** An exceptionally profitable early Pea. Green seed. Height 2½ feet.

**BOLGIANO'S EXTRA-EARLY ALASKA.** By careful selection and thorough roguing we have a fine stock that is unequalled. Height 2½ feet.

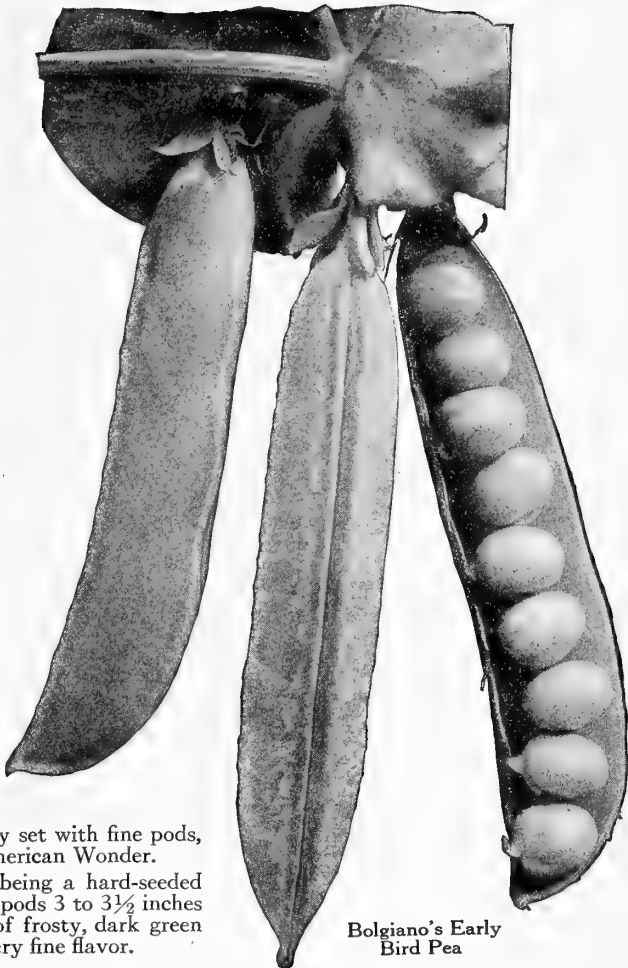
**\*BOLGIANO'S 100 PER CENT PROFIT.** A remarkably early wrinkled Pea. Plants grow about 1 foot high, bear an abundance of immense, beautiful dark green pods filled with large, luscious Peas which retain their color after they are cooked. Much earlier, more prolific richer colored, and more delicious flavor than either Thomas Laxton or Gradus.

**BOUNTIFUL.** Bears an abundance of beautiful pods, crowded with delicious Peas. Extremely early. Height 2½ feet.

**\*LAXTONIAN (Hundredfold).** One of the earliest of the large-podded, wrinkled sorts. Grows about 18 inches high, with pods 3 to 3½ inches long, attractive dark green. The flavor is extra fine.

**\*LITTLE MARVEL.** Dwarf, even grower, 15 inches high, heavily set with fine pods, frequently borne in pairs. Ready for table fully as early as American Wonder.

**LONG-PODDED ALASKA.** A very good early shipper, and being a hard-seeded variety, it can be planted early. Vines about 3 feet high, with pods 3 to 3½ inches long, of frosty, dark green and very fine flavor.



Bolgiano's Early Bird Pea

PEAS		(Pt.)	(Qt.)	(Pk.)	
Extra-Early Varieties	Pkt.	1 lb.	2 lbs.	15 lbs.	100 lbs.
Ameer.....	\$0.10	\$0.35	\$0.65	\$2.65	\$15.00
Bolgiano's Early Bird.....	.10	.50	1.00	3.75	22.50
Bolgiano's 100 per cent Profit.....	.10	.50	1.00	3.75	22.50
Bountiful.....	.10	.35	.65	2.65	15.00
Extra-Early Alaska..	.10	.35	.65	2.65	15.00
First and Best.....	.10	.35	.65	2.65	15.00
Laxtonian.....	.10	.45	.85	3.50	20.00
Little Marvel.....	.10	.45	.85	3.50	21.00
Long-podded Alaska..	.10	.35	.65	2.75	16.00
Pedigree Extra Early..	.10	.35	.65	2.65	15.00
Prolific Early Market	.10	.35	.65	2.65	15.00
Early Varieties					
American Wonder...	.10	.40	.75	3.10	18.00
Ext.Ea.PremiumGem	.10	.40	.75	3.10	18.00
Gradus (Prosperity)...	.10	.40	.75	3.10	18.00
McLean's Little Gem..	.10	.40	.75	3.10	18.00
Nott's Excelsior.....	.10	.40	.75	3.10	18.00
Sutton's Excelsior...	.10	.40	.75	3.50	20.00
Thomas Laxton.....	.10	.40	.75	3.10	18.00
Late or Main Crop					
Alderman.....	.10	.35	.65	3.00	18.00
Bolgiano's Cracker-jack.....	.10	.40	.75	3.10	18.00
Champion of England	.10	.35	.65	2.75	15.00
Daisy.....	.10	.45	.85	3.30	20.00
Dwarf Champion....	.10	.45	.85	3.25	19.00
Dwarf Grey Sugar...	.10	.40	.75	3.50	20.00
Edible-podded MammothMeltingSugar	.10	.50	.95	4.00	25.00
Imp. Sugar Marrowfat	.10	.35	.65	2.50	13.00
Juno.....	.10	.45	.85	3.30	20.00
Stratagem.....	.10	.40	.75	3.10	18.00
Telephone Improved..	.10	.35	.65	3.00	18.00
Bolgiano's Climax...	.10	.50	.90	4.50	25.00

We pay postage on 1 and 2 lbs. only. Larger quantities, postage extra. 5 lbs. sold at 15-lb. rate; 30 lbs. and over at 100-lb. rate. F. O. B. Baltimore.

**PROLIFIC EARLY MARKET.** Not quite so early as Pedigree, but the most productive of all the extra-early Peas. Beautiful, large pods; fine quality. Height 2½ feet.

Early Varieties

**\*AMERICAN WONDER.** Dwarf, robust habit, 10 to 15 inches high, and produces a profusion of good-sized, well-filled pods of finest flavor.

**\*EXTRA-EARLY PREMIUM GEM.** Early; large, well-filled straight pods. Height 1 foot.

**\*GRADUS (Prosperity).** About a week later than the earliest varieties. The pods are large, well filled with dark green Peas of the finest quality. Height 3 feet

**\*MCLEAN'S LITTLE GEM.** Very early; prolific; delicious flavor. Height 1¼ feet.

**\*NOTT'S EXCELSIOR PEA.** Vines are more vigorous and taller than American Wonder, and the pods are one-third larger, often containing six to eight large Peas very close together. Height 1 foot.

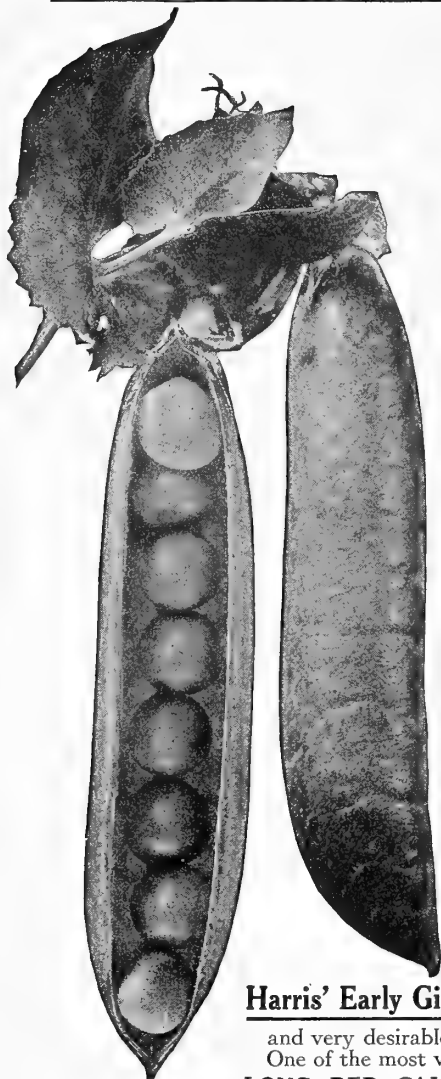
**\*SUTTON'S EXCELSIOR.** As early as American Wonder, with much larger pods and more prolific. Height 1 foot.

**\*THOMAS LAXTON.** A cross between Gradus and one of the extra-early sorts. It ripens within a day or two of the earliest round varieties. Height 30 inches.

Disinfection with Semesan at the rate of 1 ounce to 15 pounds of seed or soaking of the seed in normal liquid Semesan for 15 minutes generally increases germination, stand and yield.

For full details of treatment ask for Semesan Vegetable Booklet.



Telephone Improved  
Peas

**Harris' Early Giant.** Bears quickly, requiring only a short season to mature. Fruits very large, averaging  $3\frac{1}{2}$  by 5 inches, rich dark green, ripening glowing red. The flavor is mild and very desirable; flesh thick and meaty. One of the most valuable new sorts.

**LONG RED CAYENNE.** About 1 inch longer than Red Chili, and matures a few days later, but is equally hot in flavor. This is the heaviest yielder of the thin varieties.

**RUBY KING. (Selected Stock.)** Well known for hardiness and blight-resistant qualities. A general favorite where early Peppers are grown for shipment, especially throughout the South. The flesh is thick and mild and it is used extensively for stuffed Peppers.

**SWEET BULL NOSE.** A standard early variety. The plants are vigorous and stocky, carrying the fruit well throughout the season. Slightly smaller than our Ruby King, and not quite as mild in flavor.

**WORLD BEATER.** The largest and heaviest yielder of all and bears until frost.

## Late or Main Crop Peas

\***ALDERMAN (Admiral Dewey).** Extra-large, dark green pods, on order of Duke of Albany. Very fine. Height 4 feet.

\***Bolgiano's Crackerjack.** A good hot-weather variety bearing a superabundance of extremely large, dark green pods well filled with sweet, wrinkled Peas of finest flavor. Most excellent for market growers because of its vigor, bearing quality, and resistance to heat and drought.

\***CHAMPION OF ENGLAND.** A well-known, standard variety. Height 5 feet.

\***DAISY (Dwarf Telephone).** Plants stout, self-supporting, heavy cropper. Height  $1\frac{1}{2}$  feet.

\***DWARF CHAMPION.** A dwarf-growing Champion of England. Height 2 feet.

\***DWARF GREY SUGAR.** Produce a heavy crop of small, flat pods which should be gathered, broken and cooked like string beans. Height 18 inches.

\***EDIBLE-PODDED MAMMOTH MELTING SUGAR.** The pods are borne in great profusion and should be gathered when the seeds are just beginning to form. If broken in pieces and cooked the same as string beans they make a delicious dish. Height 4 feet.

**IMPROVED SUGAR MARROWFAT.** Luxurious growth and abundant, large, and handsome pods. Height 3 feet.

\***STRATAGEM.** Very large pods and peas of finest quality. Height  $1\frac{1}{2}$  feet.

\***TELEPHONE IMPROVED.** Robust habit. A single vine produces eighteen to thirty unusually long, well-filled pods of large size containing ten to twelve Peas of fine flavor, often forming a double row. Height 5 feet.

## PEPPER

PIEMIENTA Pfeffer Poirvier

**CULTURE.**—Sow in hotbeds in March, and when the soil has become warm, set in rows 3 feet apart and 2 feet apart in the row; hoe frequently. The plants may also be hastened in small pots.



See page 63

**California Wonder.** A gigantic new variety of especially desirable square, or squatty shape, so that it stands erect without support, making it fine for stuffing and serving individually. The flesh is very thick, sweet, and mild-flavored, not hot. In color it is bright green, changing to brilliant red. We consider it one of the finest Peppers ever introduced and recommend it highly.

**CHINESE GIANT.** Most popular of the older varieties. It ripens early, is of good size and flavor, with rather thick flesh. A very good shipper.



Harris' Early Giant Pepper

PEPPER	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
California Wonder	\$0.25	\$0.90	\$3.00	\$9.00
Chinese Giant	.10	.65	2.25	7.00
Harris' Early Giant	.25	.75	2.50	7.00
Long Red Cayenne	.10	.40	1.00	3.25
Neapolitan	.10	.30	1.00	3.25
Pimiento	.10	.30	1.00	3.25
Red Cherry	.10	.40	1.15	3.25
Red Chili	.10	.40	1.15	3.25
Ruby King (Selected Stock)	.10	.40	1.15	3.50
Sweet Bull Nose	.10	.35	1.00	3.25
Sweet Mountain	.10	.35	1.00	3.25
World Beater	.10	.50	1.25	4.00

We pay postage on packets, ounces,  $\frac{1}{4}$ pounds, and pounds

MAINE-GROWN  
SEED POTATOES

PATATAS    Kartoffeln    Pommes de Terre

**CULTURE.**—Select good, well-drained, fibrous loam soil and open furrows 3 feet apart and 3 to 4 inches deep. Apply fertilizer and run the furrower or small plow again in the furrow to mix the fertilizer with the soil. Then plant good-sized pieces, with two or three eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. Cultivate often.

8 to 10 bushels will plant an acre

Because of market fluctuations, we are not quoting prices in this catalogue. Write us for prices when you are ready to buy

**BOLGIANO'S FAMOUS PROSPERITY.** Yields fine crops of even, fine, smooth, large Potatoes under the most unfavorable circumstances. Flesh is as white as snow and cooks dry.

**BOLGIANO'S TRUST BUSTER.** Always insures a crop far beyond expectation. The Potatoes are medium-large, with very smooth skin, mealy when cooked and of very fine flavor.

**DAKOTA RED (Jersey Red).** This Potato is fast taking the place of McCormick, which it equals in yield and keeping qualities but for cooking it is far superior, becoming dry and mealy. Skin is red; flesh pure white.

**SPAULDING NO. 4 EARLY ROSE.** A decided improvement on the old variety, being earlier, a bigger yielder, with shorter tubers, inclining to round.

**EARLY ROUND SIX WEEKS.** A very early sort that resembles Irish Cobbler in shape but about one-third smaller and a week or ten days earlier. Skin red but flesh is pure white.

**GREEN MOUNTAIN.** A very popular main-crop Potato.

**IRISH COBBLER.** Round to oval in shape; smooth skin; pure white flesh. Early and very popular.



See page 63



Michigan  
Rural  
Russet  
Potato

**MICHIGAN RURAL RUSSET.** A good late variety becoming more popular each season, especially in the Northwestern and North-Central states. It is resistant to blight, will stand more wet and cold weather than other varieties, and yield 25 per cent more. Resembles Green Mountain in general appearances, except that it has very shallow eyes and slopes off at ends like Irish Cobbler.

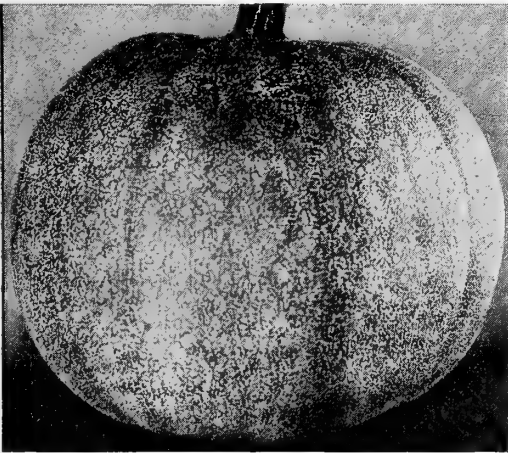
**RED BLISS TRIUMPH (Improved Red Bermuda).** One of the earliest varieties. Its great productiveness, handsome color, and resistance to disease make it most popular.

PUMPKINS

CALABAZA    Große Kürbis    Potiron

**CULTURE.**—May be planted in middle of spring among corn in field or garden, or in hills 8 to 10 feet apart each way, four seeds in a hill; in other respects cultivated in same manner as melons and cucumbers; avoid planting near other vines.

Two pounds of seed will sow an acre



Winter Luxury Pumpkin

RHUBARB or PIE PLANT

**CULTURE.**—The seed should be sown in a shallow drill, using 1 ounce to 150 feet of row. When well started, thin to stand 10 to 12 inches apart. The stalks should not be gathered until the plants have had a full season's growth.

**MYATT'S VICTORIA.** The most popular variety. Comes quite true from seed.

**RHUBARB ROOTS.** If planted in good soil in the spring, will make a strong growth, and yield stalks for market the following spring.

**CONNECTICUT FIELD (Large Yellow).** Excellent for stock-feeding.

**IMPROVED WINTER CROOKNECK (Cushaw).** Mottled green and white; flesh yellow, solid, fine-grained, and sweet. Excellent for pies.

**JAPANESE PIE.** Large, crookneck shape; green, striped yellow; flesh yellow and of fine quality.

**KENTUCKY LARGE FIELD.** Flat. Fine for Pumpkin pies.

**KING OF THE MAMMOTHS (True Potiron).** The great prize Pumpkin, growing the largest of all and weighing 100 to 200 pounds. Bright yellow; tender; excellent.

**LARGE CHEESE.** Flat like a cheese. A sure cropper and extensively grown for canning.

**NEW ENGLAND PIE (Sugar).** A small, round sort; very sweet, fine-grained, and of the best quality.

**SWEET POTATO.** Finest variety for table.

**WINTER LUXURY.** A superior pie Pumpkin. Small but enormously productive and an excellent keeper; slightly oval; about 10 inches in diameter; golden russet, finely netted; flesh deep gold, sweet and tender.

PUMPKINS	Pkt.	Oz.	1/4lb.	Lb.
Connecticut Field (Large Yellow).....		\$0.10	\$0.25	\$0.75
Improved Winter Crookneck or Cushaw..		.15	.40	1.25
Japanese Pie .....	.10	.15	.40	1.25
Kentucky Large Field .....		.10	.25	.75
King of the Mammoths (True Potiron)...	.10	.15	.40	1.25
Large Cheese .....	.10	.15	.25	.75
New England Pie (Sugar) .....	.10	.15	.30	.85
Small Sugar Pumpkin .....	.10	.15	.25	.85
Sweet Potato .....	.10	.15	.30	1.00
Winter Luxury .....	.10	.15	.30	1.00
RHUBARB OR PIE PLANT				
Myatt's Victoria .....	.10	.15	.45	1.50
RHUBARB ROOTS, 2-YEAR-OLD				
Extra-large fine roots .....		\$0.20	\$1.50	\$9.00
Postage on Rhubarb Roots extra. Mailing weight, 2 lbs. each				



# RADISH

RABANOS Rabieſ Radis

**CULTURE.**—Sow as soon as the ground is dry in the spring, in rows 1 to 1½ feet apart, every week or ten days to the middle of June, after which they are little used, unless a cool northern spot can be found where the ground is shaded during part of the day. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early fall for late crops and winter use. Use 8 to 12 pounds to the acre. Radishes should be eaten when quite small; it is a mistake to let them grow too long and too large. This applies particularly to Ruby King and small turnip-shaped sorts.

Two ounces of seed will sow 100 feet of drill

**Bolgiano's Extra-Early Ruby King.** By far the best extra-early Radish. Olive-shape, bright glistering scarlet, very solid and crisp, small tops. Equally good for forcing or open-ground culture.

**BOLGIANO'S ROUND SCARLET GLOBE.** Rich scarlet; faultless shape. Matures in 20 days.

**BOLGIANO'S SOLID CRIMSON KING.** Double the size of the ordinary early turnip-shaped Radishes, often measuring 6 to 7 inches in circumference. The shape varies between round and oval. Adapted to either open ground or forcing.

**Bolgiano's Strawberry.** A delicious crisp, tender brilliant red Radish of perfect globe shape. Very early, matures in about three weeks. We are sure it will please you—try it.

**CHARTIER (Shepherd).** Long, crimson, tipped with white.

**CINCINNATI MARKET.** A strain of the Long Scarlet, growing slightly larger, fully as early, and darker.

**CRIMSON GIANT GLOBE.** This is an entirely new variety, suitable for forcing or early outdoor planting.

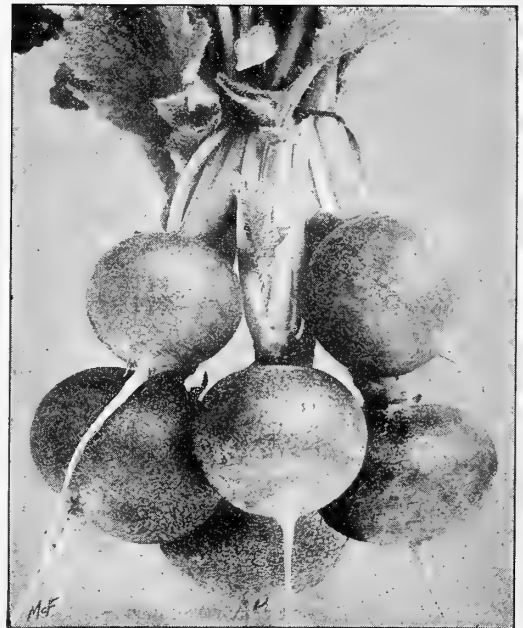
**FRENCH BREAKFAST.** Quick grower; mild, tender; good for forcing.

**GIANT WHITE STUTTGART.** An immense white summer Radish.

**IMPROVED EARLY LONG SCARLET SHORT TOP.** The finest strain of the most popular Radish. The roots are 5 to 6 inches long, slender, handsome red, and most attractive. They are ready in about 25 days. Crisp, brittle, and of choicest quality

**LADY FINGER (White Vienna).** Long, white; very early; attractive.

**SCARLET TURNIP WHITE TIP.** Round, bright scarlet, with attractive, white tip. Matures in 25 days.



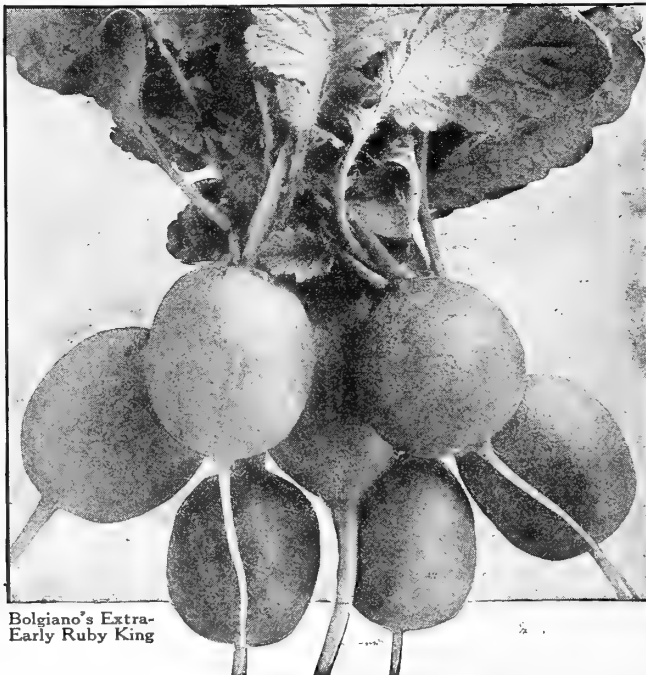
Bolgiano's Strawberry Radishes

**SHORT WHITE CHINESE WINTER (Celestial).** The best of winter Radishes.

**WHITE ICICLE.** One of the finest and longest of the very early pure white varieties.

**WHITE STRASBURG.** The most popular summer Radish. It is oblong, tapering to a point, with skin and flesh pure white, almost transparent, very tender, of a delightful pungent taste.

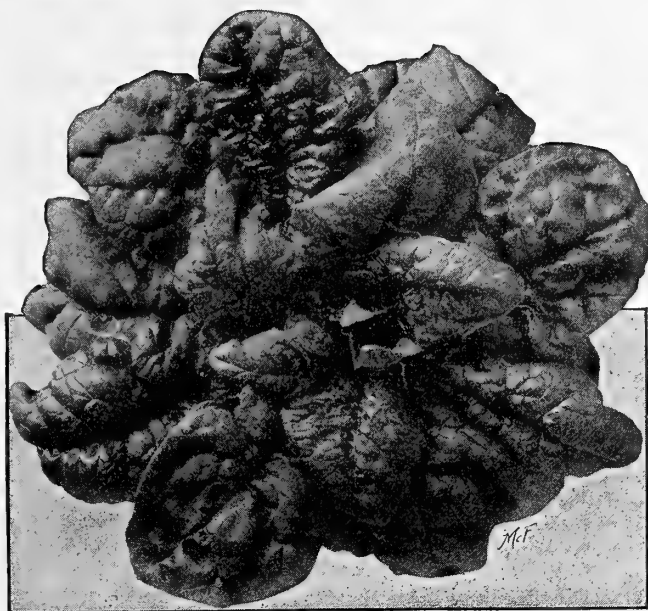
Control bacterial spot and other surface-borne seed diseases and prevent the seed from rotting in the soil by soaking them before planting for 90 minutes in normal liquid Semesan or by dusting with one ounce of Semesan to 15 pounds of seed. Prevent damping-off of seedlings by watering with normal liquid Semesan. See Semesan Vegetable Booklet for directions. Enthusiastic growers endorse Semesan.



Bolgiano's Extra-Early Ruby King

5 lbs. and over, 10 cts. per lb. less. Transportation extra				
RADISH	Pkt.	Oz.	¼lb.	Lb.
Bolgiano's Extra-Early Ruby King.....	\$0.10	\$0.15	\$0.35	\$1.00
Bolgiano's Round Scarlet Globe.....	.10	.15	.25	.90
Bolgiano's Solid Crimson King.....	.10	.15	.25	.85
Bolgiano's Strawberry.....	.10	.15	.35	1.00
Crimson Giant Globe.....	.10	.15	.25	.85
Early Snowball Forcing White Turnip.....	.10	.15	.25	.90
French Breakfast.....	.10	.15	.25	.90
Scarlet Turnip White Tip.....	.10	.15	.25	.90
<b>Early Long Radish</b>				
Cincinnati Market.....	.10	.15	.25	.95
Improved Early Long Scarlet Short Top.....	.10	.15	.25	.95
Lady Finger (White Vienna)....	.10	.15	.25	.75
White Icicle.....	.10	.15	.25	.75
<b>Winter Radish</b>				
Chinese Rose Winter.....	.10	.15	.25	.90
Long Black Spanish Winter....	.10	.15	.25	.90
Long White Spanish Winter....	.10	.15	.25	.90
Round Black Spanish.....	.10	.15	.25	.90
Round White Spanish.....	.10	.15	.25	.90
Short White Chinese Winter (Celestial).....	.10	.15	.25	.90
<b>Summer or Autumn Radish</b>				
Chartier (Shepherd).....	.10	.15	.25	.90
Giant White Stuttgart.....	.10	.15	.25	.90
White Strasburg.....	.10	.15	.25	.90

We pay postage on packets, ounces, ¼pounds, and pounds



Reselected Savoy Spinach

## SPINACH

ESPINACA Spinat Epinard

**KING OF DENMARK.** A very popular variety of recent introduction, proved very successful in hot weather. Darker green than most varieties, and the leaves are well crimped and very attractive.

**LONG-STANDING SAVOY.** Leaves are large, thick, fleshy, and crumpled, fully equal to Savoy Leaf. Does not bolt to seed quickly. A profitable variety in mid-summer.

**NEW ZEALAND.** Endures heat and drought; excellent for summer.

**Reselected Savoy (Bloomsdale).** A standard variety, used extensively by large growers for their main crop, both in fall and spring. Grows a large, crimped, curled, dark green leaf with very short stem. The plants on well fertilized soil, when not allowed to stand too closely together, will average 10 to 12 inches across the top. An excellent shipper. Our stock has been carefully grown, to keep the true curled type. We offer Reselected stock only.

**TRIUMPH.** This excellent new Spinach is nearly double the size of the Victoria and has all its good qualities. Very profitable for market-gardeners and shippers.

## SQUASH

CALABAZA Speise Kürbis Courge

**CULTURE.**—Sow in hills at the same time as cucumbers and melons, the bush varieties 3 to 4 feet apart, and the running kinds 6 to 9 feet apart.

One ounce of seed of bush varieties will plant 40 hills; large-seeded varieties, 15 hills; 2 to 3 pounds bush, 3 to 4 lbs. large-seeded per acre

### Bush Varieties

**Bolgiano's Extra-Early Dawn.** The earliest and finest white bush Squash.

**COCOZELLE.** Of compact, bushy growth, with dark green foliage. The fruits are oblong, 1 foot or more in length, and 4 to 5 inches in diameter. Skin dark green, with stripes of a still darker shade.

**EXTRA WHITE BUSH SCALLOPED (Patty-pan).** Good size; uniform; heavy cropper; early. The skin is white and the flesh fine-grained and tender.

**FORDHOOK BUSH.** Early, sweet, and dry; oblong, bright yellow. One of the handsomest and best keeping winter varieties; also a good summer sort.

**MAMMOTH WHITE BUSH SCALLOPED.** Frequently 12 to 14 inches in diameter.

SPINACH	Oz.	1/4lb.	Lb.
King of Denmark	\$0.10	\$0.25	\$0.45
Long-standing Savoy	.10	.25	.45
New Zealand	.15	.35	.75
Reselected Savoy (Bloomsdale)	.15	.25	.40
Triumph	.10	.25	.45

10 lbs. and over, 10c. per lb. less, transportation extra. Write for special prices in large quantities

SQUASH	Pkt.	Oz.	1/4lb.	Lb.
Bolgiano's Extra-Early Dawn	\$0.10	\$0.15	\$0.40	\$1.25
Boston Marrow	.10	.30	.90	
Chicago Warty Hubbard	.10	.15	.40	1.25
Cocozelle	.10	.15	.45	1.25
Extra White Bush Scalloped (Patty-pan)	.10	.15	.35	1.00
Fordhook Bush	.10	.15	.40	1.25
Golden Summer Crookneck	.10	.15	.30	1.00
Mam. or Giant Summer Crookneck	.10	.15	.35	1.25
Mammoth White Bush Scalloped	.10	.15	.35	1.00
True Hubbard	.10	.15	.35	1.00

### SALSIFY OR OYSTER PLANT

Bolgiano's Great Giant	.10	.25	.70	2.25
Mammoth Sandwich Island White	.10	.25	.60	2.00

We pay postage on packets, ounces, 1/4pounds, and pounds

**GOLDEN SUMMER CROOKNECK.** Very productive sort of dwarf, bushy habit, with yellow skin and greenish yellow flesh of dry, agreeable flavor.

**MAMMOTH or GIANT SUMMER CROOKNECK.** Double the size of the ordinary Crookneck and very warty. Fine for market.

### Running Varieties of Squash

**BOSTON MARROW.** Oval; bright orange; flesh yellow. Our stock is exceptionally fine.

**CHICAGO WARTED HUBBARD.** A superior strain of mammoth size with heavily warted skin.

**TRUE HUBBARD.** Strong running vines. Fruits large, olive-shaped, with dark green skin and very rich flesh. An excellent keeper and of splendid quality. Our strain is extra fine.

## SALSIFY or OYSTER PLANT

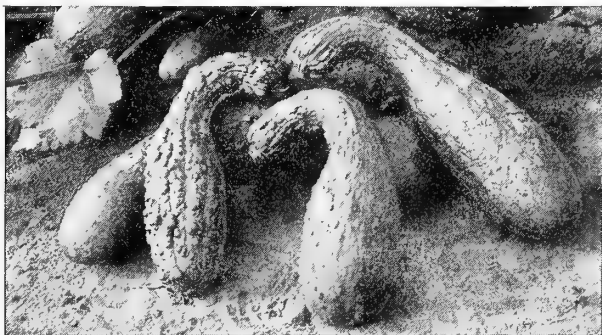
SALSIFI Bodschart Salsifs

**CULTURE.**—Sow as early as the ground can be worked in the spring, in drills 1 foot apart, 1 inch deep, and thin out to 6 inches apart in the row. Keep free from weeds. Cultivate the same as carrots and parsnips.

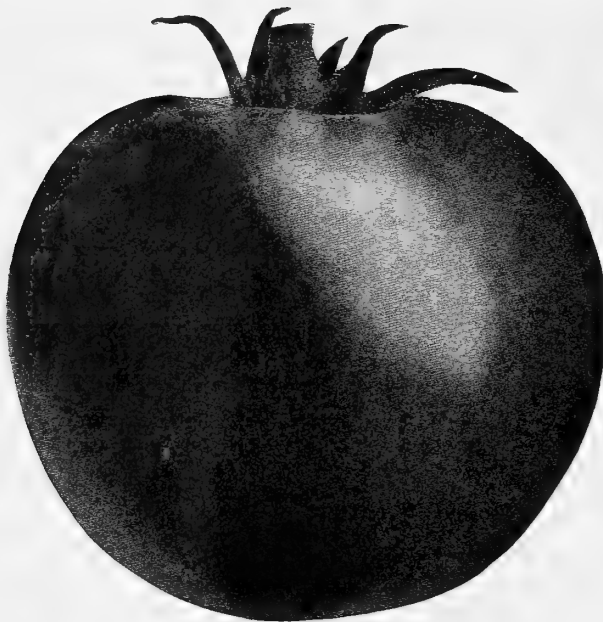
One ounce of seed will sow 100 feet of drill; 8 to 10 pounds in drills for an acre; 25 to 35 pounds broadcast for an acre.

**BOLGIANO'S GREAT GIANT.** The largest and best Salsify to grow.

**MAMMOTH SANDWICH ISLAND WHITE.** Superior in quality; pure white, very meaty; of fine flavor.



Mammoth or Giant Summer Crookneck Squash



Bolgiano's Greater Baltimore Tomato

## TOMATO

Pomo d'Oro TOMATE Liebesapfel Pomme d'Amour

### Red Varieties

**BOLGIANO'S EXTREMELY EARLY IXL.** One of the largest of the extra-early smooth varieties. Beautiful brilliant red; very prolific. A splendid shipper.

**BOLGIANO'S FLORIDA SPECIAL.** Fruits almost globe-shaped, beautiful red, fine-flavored, firm, solid; very prolific, and about as early as Earliana. A most excellent shipper, standing long-distance shipping from Florida to northern markets exceedingly well. It is bred to resist blight.

**Bolgiano's Glory.** Very vigorous, healthy vines which bear large clusters of smooth, uniformly ripening fruits of excellent size and color. A tremendous bearer and very profitable.

**Bolgiano's Greater Baltimore.** The greatest canning Tomato ever introduced, being without a superior in size, shape, color, and yield. Makes a better crop under adverse weather and soil conditions than any other sort. Ours is the original pedigree stock.

**BOLGIANO'S JOHN BAER.** A perfect, high-crowned Tomato and an enormous yielder, setting its fruit in clusters. The fruits are brilliant, glistening red, of mild, delicious, sweet flavor, with very few seeds and entirely free from core. They ripen evenly up the stem end.

**BOLGIANO'S MY MARYLAND.** An exceptionally heavy yielder of uniform, well-shaped, solid, smooth, bright red fruit, free from cracks. Very deep from stem to blossom end. A second-early or main-crop variety.

**BONNY BEST EARLY.** A very popular variety, quite as early as the best strains of Earliana. It is a vigorous grower, enormously prolific, with splendid foliage and intense, velvety, glowing scarlet fruit that ripens evenly.

**CHALK'S EARLY JEWEL.** Very fine sort. Large, solid, smooth, bright red fruits.

**KING OF THE EARLIES.** Large and productive; very early.

**MARGLOBE.** A fine new blight-resistant variety of perfect globe-shape and brilliant color. Crops abundantly and ripens evenly. See Novelties, page 2, and colored illustration, on fourth cover.

**NORDUKE.** The best of all wilt-resisting varieties. Medium early; large, smooth red fruits; heavy bearer.

### Red Tomatoes, continued

**NORTON WILT-RESISTANT.** A main-crop, scarlet-fruited variety very similar to Stone. Fruit medium size, smooth and solid. The vines make a medium to heavy growth and yield a good crop.

**RED ROCK.** Fine, large, solid, smooth, very bright red fruits. A heavy producer and excellent shipper.

**SPARKS' EARLIANA.** Remarkable for its earliness, very large size, handsome shape, and bright red color.

**STONE.** We have the true stock, free from rust and blight.

**THE BOLGIANO.** A week earlier than Earliana. The first fruits are as good as in the prime of the season—a solid mass of red, meaty flesh, tender and sweet. Skin tough and stands long-distance shipping perfectly.

### Pink Varieties

**CRIMSON CUSHION (Beefsteak).** Very large, bright scarlet fruits of fine flavor.

**DWARF CHAMPION.** Dwarf, stiff habit, scarcely needing support, dark green foliage. Very early and wonderfully prolific. Color purplish pink. Fruit perfectly round, smooth, medium size.

**JUNE PINK.** This is the Pink Earliana, and where a pink Tomato is in demand, it is most profitable.

**LIVINGSTON'S BEAUTY.** Large, smooth, dark pinkish red; thick flesh.

**LIVINGSTON'S GLOBE.** Attracting a great deal of attention among southern shippers for the early market.

### Yellow Varieties

**YELLOW PEAR-SHAPED.** A pretty little yellow Tomato, used for pickling and preserving; very prolific.

**YELLOW PLUM-SHAPED.** Larger than the Pear-shaped; deep yellow; popular for preserving.

Disinfection of the seed by dusting with Semesan at the rate of 1 ounce to 15 pounds of seed, or by soaking it for 25 minutes in normal liquid Semesan, prevents seed-rotting in soil, increases stand, vigor, and yield of plants. Ask for Semesan Vegetable Booklet giving complete directions.



See page 63

TOMATOES	Pkt.	Oz.	1/4lb.	Lb.
Bolgiano's Extremely Early IXL	\$.10	\$0.40	\$1.00	\$3.50
Bolgiano's Florida Special	.10	.30	.85	3.00
Bolgiano's Glory	.15	.65	1.75	6.00
Bolgiano's Great B. B.	.10	.30	.85	3.00
Bolgiano's Greater Baltimore	.10	.40	1.25	4.00
Bolgiano's John Baer	.10	.40	1.00	3.50
Bolgiano's My Maryland	.10	.40	1.25	4.00
Bonny Best Early	.10	.40	1.00	3.50
Chalk's Early Jewel	.10	.35	.85	3.00
Crimson Cushion	.10	.40	1.10	4.00
Dwarf Champion	.10	.40	1.25	4.00
June Pink	.10	.45	1.25	4.50
King of the Earlies	.10	.40	1.00	3.50
Livingston's Beauty	.10	.30	.85	3.00
Livingston's Globe	.10	.40	1.25	4.00
Marglobe	.15	.40	1.50	5.00
Norduke	.20	.40	1.40	4.00
Norton Wilt-resistant	.20	.40	1.25	4.00
Ponderosa	.15	.50	1.75	6.00
Red Cherry	.10	.50	1.50	5.00
Red Pear-shaped	.10	.50	1.50	5.00
Red Rock	.10	.25	.75	2.75
Sparks' Earliana	.10	.35	.85	3.00
Stone	.10	.25	.75	2.75
The Bolgiano	.20	.40	1.25	4.00
Yellow Cherry	.10	.50	1.50	5.00
Yellow Peach	.10	.50	1.50	5.00
Yellow Pear-shaped	.10	.50	1.50	5.00
Yellow Plum-shaped	.10	.50	1.50	5.00

We pay postage on packets, ounces, 1/4pounds, and pounds

# GARDEN TURNIPS and RUTABAGAS

Navet NABO Meiffe Rube Navone

**CULTURE.**—Turnips require rich soil. For early crop, sow in drills 1½ feet apart as soon as soil can be worked. Thin out to 3 inches apart. Late Turnips are usually broadcast during July or August on land from which some early crop has been removed.

Rutabagas are usually sown in June in drills 2½ feet apart. Thin out to 6 inches apart in rows.

1 ounce of seed will sow 150 feet of drill; 3 pounds an acre

**EARLY RED or PURPLE-TOP WHITE FLAT STRAP-LEAF.** One of the best table Turnips on the market. It is fine-grained, of mild flavor, white below, with a bright purple top; flesh white. Leaves short, narrow, and erect. Matures in eight to nine weeks.

**EARLY WHITE FLAT DUTCH.** An early, pure white, flat strap-leaf type of medium size and excellent quality for spring sowing.

**EXTRA-EARLY PURPLE-TOP MILAN.** Flat, smooth, medium size, with bright purple top and few leaves. Flesh white and choice. Good in spring or fall. A fine keeper.

**EXTRA-EARLY WHITE MILAN.** An extra-early, tender, delicately flavored sort of medium size, very handsome, smooth and clear ivory-white both inside and out.

**GOLDEN BALL (Orange Jelly; Robertson's).** Flesh sweet and firm.

**LARGE AMBER GLOBE.** Flesh yellow, fine-grained and sweet; keeps well. Hardy and a good cropper. Popular in the south.

**LARGE WHITE NORFOLK.** Popular in the south. Stands the winter.

**POMERANIAN WHITE GLOBE.** Good for table or stock.

**PURPLE-TOP WHITE GLOBE.** Unsurpassed for home or market. Large, rapid-growing, with globular roots; skin white beneath, and bright purple on top. Flesh pure white.

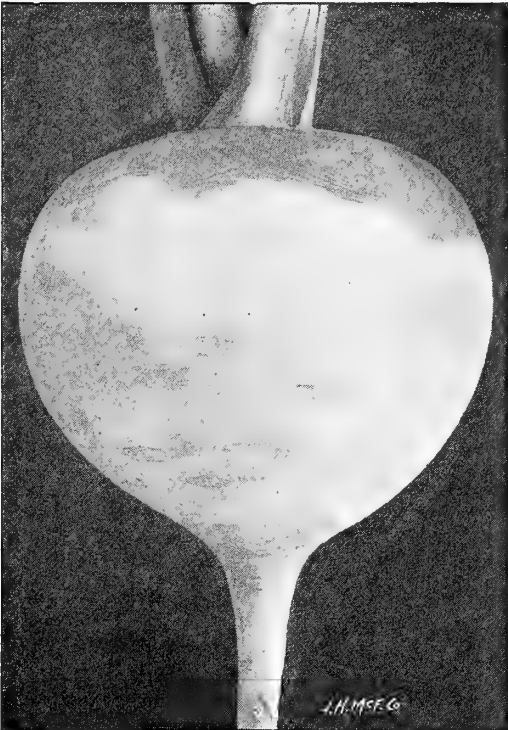
**PURPLE-TOP YELLOW ABERDEEN.** Medium size, round; flesh pale yellow, tender and sugary; keeps well. The plant is hardy and productive.

**SOUTHERN SEVEN TOP.** Hardiest of all sorts and may be left in the open ground during winter. In the Southern States it yields abundant foliage in the spring for boiling with cured meats and is only desirable for this purpose.

**WHITE COWHORN.** A white Turnip of peculiar long shape and quick maturity. It grows to a large size, standing half out of the ground.

**WHITE EGG.** Egg shaped, firm, sound-grained, with thin and perfectly smooth skin of snowy whiteness.

**WHITE-TOP WHITE GLOBE STRAP-LEAF.** A perfect globe-shaped Turnip about 6 inches in diameter, with smooth, pure white skin; flesh snowy white, firm and crisp. A quick grower.



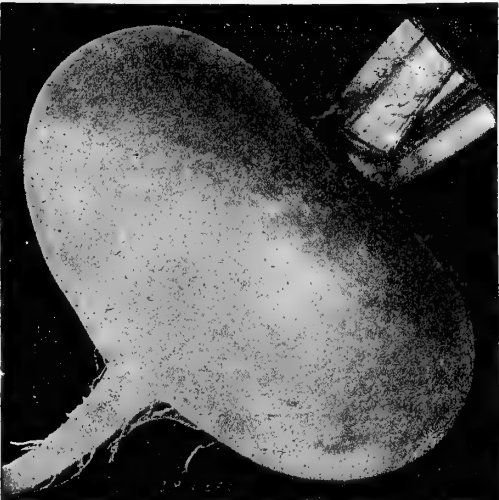
Purple-Top Globe Turnip

**YELLOW GLOBE.** A wonderful cropper, and keeps far into the following year. It begins to bulb at the very start and forms large roots and small tops.

**BOLGIANO'S PERFECT MODEL RUTABAGA.** Excellent for table use. Flesh golden yellow, very sweet, not the least bit stringy or tough, and remains solid and crisp until spring—never gets pithy. Far superior to other varieties and much better than the Swede Turnip. Home and market gardeners will appreciate it.

**MARKET GARDENERS' IMPROVED PURPLE-TOP RUTABAGA.** Yields enormous crops of handsome, large, solid, yellow-fleshed Turnips. It is grown largely for cattle food but is also used as a table vegetable because of its sweetness; keeps until spring in good condition.

10 lbs. and over, 10 cts. less per lb.; transportation extra



Purple-Top Strap-Leaf Turnip

TURNIP	Oz.	¼lb.	Lb.
Early Red or Purple-Top White Flat Strap-Leaf . . .	\$0.10	\$0.20	\$0.65
Early White Flat Dutch . . .	.10	.20	.65
Extra-Early Purple-Top Milan . . .	.10	.30	1.00
Extra-Early White Milan . . .	.10	.30	1.00
Grey Stone . . .	.10	.20	.65
Golden Ball (Orange Jelly; Robertson's) . . .	.10	.20	.65
Large White Norfolk . . .	.10	.20	.65
Pomeranian White Globe . . .	.10	.20	.65
Large Amber Globe . . .	.10	.20	.65
Purple-Top White Globe . . .	.10	.20	.65
Purple-Top Yellow Aberdeen . . .	.10	.20	.65
Southern Seven Top . . .	.10	.20	.65
Southern Prize (Dixie) . . .	.10	.20	.65
White Cowhorn . . .	.10	.20	.65
White Egg . . .	.10	.20	.65
White-Top White Globe Strap-Leaf . . .	.10	.20	.65
Yellow Stone . . .	.10	.20	.65
Yellow Globe . . .	.10	.20	.65

RUTABAGA			
Bolgiano's Perfect Model . . .	.10	.25	.75
Market Gardener's Improved Purple-Top . . .	.10	.25	.75

We pay postage on packets, ounces, ¼pounds, and pounds





Indian Chief Watermelon

## WATERMELON

One ounce of seed will sow 30 hills;  
3 to 4 pounds an acre

Melon d'Eau Waffermelone SANDIA Melone d'Aqua

**CULTURE.**—Watermelons demand rich, though sandy soil for perfect development, and thrive best in the Southern or Southwestern States, although in a warm, sandy soil in a more northern latitude fine crops are often obtained. Cultivate and treat exactly as muskmelons, except that the hills should be 8 to 10 feet apart.

**ALABAMA SWEET.** A good-sized, very uniform, long, dark green melon with red flesh.

**Bolgiano's Indian Chief.** Large, oblong; thin, dark green rind but very tough, with thick netting; flesh is a bright attractive red, and has a crisp delicious flavor. Very productive, and an excellent shipper.

**COLES EARLY.** Strictly a home-market melon. Almost round; rind light green, striped with broad bands of dark green; flesh bright red, crisp, and of delicate texture. Ripens in 80 days.

**EXCEL.** Long, dark green melon; quite attractive; has very good flavor. A popular market sort.

**FLORIDA FAVORITE.** Oblong, with dark green skin faintly striped lighter; deep red flesh of excellent flavor. One of the best table sorts. Not a good shipper. Ripens in 80 days.

**GENERAL PERSHING.** A wonderful producer that stands dry weather and is disease-resistant. The sparkling red flesh is as sweet as honey. Uniformly large light pea-green melons that do not sunburn, and ripen earlier than Tom Watson. No culls.

**GEORGIA RATTLESNAKE (Striped Gypsy).** Oblong, thin light green rind, beautifully mottled and striped; flesh scarlet, very solid, sweet, and delicious.

**HALBERT HONEY.** Average 18 to 20 inches long, bluntly rounded at both ends; skin dark green; flesh beautiful, rich crimson, sweet, and luscious, ripens to the rind.

**IRISH GRAY.** Uniform, large melon with gray rind; ripens earlier than Tom Watson and keeps in good condition for a long time after picking. Very prolific and a good shipper. A fine market sort.

**KLECKLEY'S SWEET.** Dark green; oblong; usually about 22 inches long. Used mostly in the home garden because of its tenderness.

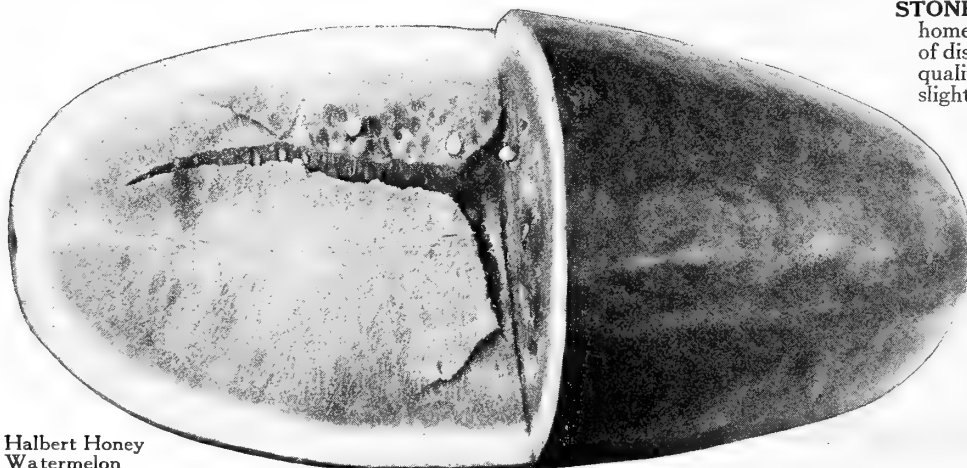
**PEERLESS (Ice Cream).** Very early and one of the best. Oval, with rind mottled light green, flesh firm and sugary.

**STONE MOUNTAIN.** A choice home-garden or local market sort of distinct appearance and delicious quality. Roundish, light green, slightly lobed or ribbed; heart very solid, bright red, no white spots or stringiness. Average weight about 45 pounds.

**THURMOND GREY.** An oblong melon with very tough rind, making it a very good shipping variety; light green, shading to grey with veins resembling the Watson.

**TOM WATSON.** Large, oblong, with dark green rind which is thin but tough. Flesh deep red, tender, firm, and sweet.

WATERMELON	Pkt.	Oz.	1/4oz.	Lb.
Alabama Sweet	\$0.10	\$0.15	\$0.25	\$0.85
Bolgiano's Cold Mountain Spring	.10	.15	.35	1.00
Bolgiano's Indian Chief	.10	.15	.35	1.00
Coles Early	.10	.15	.25	.85
Excel	.10	.15	.35	1.00
Florida Favorite	.10	.15	.25	.85
General Pershing	.10	.15	.35	1.00
Georgia Rattlesnake (Striped Gypsy)	.10	.15	.25	.85
Halbert Honey	.10	.15	.35	1.00
Irish Gray	.10	.15	.25	.85
Kleckley's Sweet	.10	.15	.35	1.00
Long Light Icing	.10	.15	.25	.85
New Perfection	.10	.15	.40	1.25
Peerless (Ice Cream)	.10	.15	.25	.85
Stone Mountain	.10	.20	.50	1.50
Thurmond Grey	.10	.15	.35	1.00
Tom Watson	.10	.15	.25	.85



Halbert Honey Watermelon



Enormous crops of hay are produced from Bolgiano's Monumental Brand Seeds

## Bolgiano's Monumental Brand Field Seeds

THE BEST SEED OBTAINABLE IN RESPECT TO BOTH PURITY AND GERMINATION.  
IT IS ALWAYS SAFE TO ORDER MONUMENTAL BRAND FIELD SEEDS

*Because the new crop is not on the market when this Catalogue goes to press, we cannot quote prices on a number of items. We ask you kindly to write us for prices. All quotations are subject to market changes*

POSTAGE IS EXTRA AND MUST BE INCLUDED WITH REMITTANCE. PARCEL POST TABLE, PAGE 79

### Alfalfa Seed

Alfalfa produces splendid crops throughout the South; four to six cuttings per year may be made and the yield increases each successive year.

Experiment stations place the feeding value of Alfalfa hay at \$20 per ton, compared with timothy hay at \$12 per ton. The acreage of Alfalfa is increasing very largely in the Middle and Southern States. Farmers are fast beginning to realize what a valuable crop it is for this section. Alfalfa will succeed on any good, loamy, well-drained soil, but it must be thoroughly prepared for best results. A heavy application of lime is of decided benefit—2,000 to 5,000 pounds per acre. The seed is usually broadcast at the rate of 20 to 30 pounds to the acre, although some of our customers claim that thicker seeding gives better results. March and April are the best months for seeding in the spring, and the latter part of August and September best in the fall. Our Alfalfa seed is of the highest grade, strongest germination and best and cleanest quality possible to procure. Monumental Brand Fancy Seed, bus. (60 lbs.) \$21. Prices fluctuate. Write us for market prices.

**GRIMM ALFALFA.** This sort is very hardy and is recommended for sections having extreme cold weather because it succeeds where the common variety winterkills. Lb. 60 cts.

### Clovers

**ALSIKE.** This grows thicker and is more slender than Red Clover making better hay and probably more and better grazing. It is well adapted for sowing with Red Clover, timothy, and herd's grass, as it matures with them, but flowers a little later than Red Clover. Monumental Brand seed, bus. (60 lbs.) \$25. Write for latest prices.

**CRIMSON CLOVER.** New crop. The great nitrogen gatherer and the best crop for hay, soiling, and green manuring fall, winter, and spring pasturing. Crimson Clover furnishes an abundance of nutritious forage when pastures are dead. It is an unfailing supply of manure. May be planted in the spring, summer or fall. Splendid for reseed-ing Red Clover that has been winter-killed. Sow 15 pounds to the acre. Monumental Brand, lb. 30 cts.; bus. (60 lbs.) \$12. Write for latest market prices.

**JAPAN.** We do not recommend this Clover for land that can be successfully grown in other grasses or Clover, but on waste land or poor, worn-out soils it will furnish excellent, nutritious pasturage. Sow at the rate of 10 pounds per acre

### Japan Clover, continued

in March or April. Lb. 30 cts.; 10 lbs. or over at 27 cts. per lb. Write us for latest market prices.

**MEDIUM RED.** Regarded as the most valuable member of the Clover family and largely used for pasturage and hay. It adds greatly to the fertility of the land on which it is grown, and does not exhaust the soil, but enriches it. Clover makes two crops each year; the first is usually cut when it is in blossom for hay; the last may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. When sown by itself, use 10 to 12 pounds to the acre, either in the spring or fall, or at the last working of corn. Lb. 40 cts.; bus. (60 lbs.) \$23. Write for latest prices.

**MAMMOTH or SAPLING.** Similar to Red Clover, the difference being larger growth and later maturity. A good variety for thin soils or to sow with timothy, meadow fescue, herd's grass, or redbud, as it ripens about the same time as they do. Sow 10 to 12 pounds to the acre when sown alone; when sown with timothy use 6 pounds Sapling Clover and 8 pounds timothy to the acre. Lb. 45 cts.; bus. (60 lbs.) \$27. Please write for latest prices.

**WHITE.** Makes a small, close, compact growth, covering the ground like a carpet. Sow in fall, at the rate of 5 to 6 pounds per acre. Monumental Brand Fancy Seed, 1/4 lb. 20 cts.; 1/2 lb. 35 cts.; lb. 65 cts.; 10 lbs. or over, 55 cts. per lb.

**WHITE BLOSSOM SWEET or BOKHARA** (*Melilotus alba*). (Hulled.) A strong-growing perennial of value for green manuring, and will make a very heavy crop of hay. Lb. 15 cts.; bus. (60 lbs.) \$8.50.

**YELLOW BLOSSOM SWEET** (*Melilotus indica*). A strong-growing annual, valuable for inoculating soil with bacteria previous to growing alfalfa; also good for hay and pasture and a splendid producer of honey. Lb. 20 cts.; bus. (60 lbs.) \$10.80. Prices fluctuate.

### Cyclone Seed Sower

Has won for itself first place among all kinds of Hand Seed Sowers. Most convenient to operate and most economical machine for broadcasting clover, timothy, alfalfa, and all other farm seeds. It runs easily and will distribute any desired quantity of seed per acre.

The Cyclone Seed Sower is constructed on correct up-to-date principles. \$2.25 each. Postage extra. Weight 5 lbs.

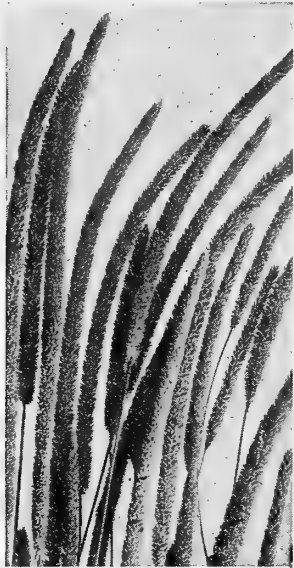


## GRASSES

WRITE FOR LATEST PRICES ON ALL GRASSES AND CLOVERS

## Timothy

Clovers grow well with Timothy and aid it by supplying nitrogen. Timothy alone should be sown at the rate of a peck (11 pounds) to the acre, or with clover 10 pounds Timothy and 6 pounds clover. A splendid mixture is 8 pounds Timothy, 6 pounds clover (either mammoth or alsike clover preferred, as they mature at the same time as Timothy), 6 pounds fancy redtop,  $\frac{1}{2}$  bus. meadow fescue. Together these produce most excellent hay, also nutritious and abundant pasture in good loamy clay or low ground soils. Monumental Brand Seed, lb. 15 cts.; pk. \$1; bus. (45 lbs.) \$3.50.



Monumental Brand Timothy

## Timothy and Alsike Clover Mixed

For hay, the Alsike and Timothy mixture is very valuable on soils too moist for red clover. Alsike is suitable for either hay or pasture. It is finer and more leafy than medium red clover and cattle prefer it. Monumental Brand Seed, lb. 18 cts.; 50 lbs. or over at 15 cts. per lb.

## Kentucky Blue Grass

Not only the best for lawn purposes, but also makes the sweetest and most nutritious pasture for all kinds of stock. It is now possible to establish on most any farm Blue Grass pasture of greenest verdure which will give very profitable returns. The first to start up in the spring, it remains green until snow flies in the fall. It will do well on almost any land, but does best on well-drained clay. Sow in the fall or spring at the rate of two to three bushels per acre. Monumental Brand Seed, lb. 40 cts.; pk. \$1.25; bus. (14 lbs.) \$5.35.

## Redtop or Herd's Grass

Produces excellent pasturage and fine-quality hay, and succeeds on a greater variety of soils than any other grass in general use, giving very good results on light soils. The place for Redtop is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for timothy and Kentucky blue grass. A good variety to sow with timothy and clover for meadow or pasture, and is more permanent than either of them. It can be sown either in the spring or fall. Monumental Brand Fancy Seed, lb. 30 cts.; 10 lbs. or over at 25 cts. per lb.

## Meadow Fescue (Randall or English Blue Grass)

A most excellent hay grass, particularly valuable for fall and winter pasturage, as it remains green throughout the winter. It is also a splendid spring and summer grass and usually makes more and thicker leafage than any other. Grows 2 to 3 feet high but not in tufts like orchard grass. The hay is very nutritious and cattle thrive on it whether it is dry or green. Succeeds even on poor soil, and as the roots penetrate from 12 to 15 inches deep, it takes extremely dry weather to affect it. Sow either in the spring or fall, at the rate of 2 bushels to the acre. Lb. 30 cts.; pk. \$1.50; bus. (24 lbs.) \$5.50.

## Carpet Grass

One of the leading grasses of the South for lawns, golf links, and very valuable for pastures as it affords grazing all winter, especially in Florida. It grows very well in shade and will thrive on poor sandy soils. Sow from 8 to 12 pounds per acre in either fall or spring. Lb. 40 cts.; 100 lbs. \$35.

## Bermuda Grass

Especially adapted for lawns and pasture mixtures in the South where many other grasses do not grow. When used in connection with English rye grass it insures a green sod throughout the year. The rye grass should be sown in the fall when the Bermuda Grass turns brown. It is very well adapted to light soils and in some sections of the South is the only pasture grass that will make a good sod on such a soil. It also does very well on clay and loamy soil. Very largely used for sowing on hillsides and embankments to bind and hold the soil from washing. Lb. 45 cts.; 10 lbs. and over at 40 cts. per lb.

## Sudan Grass

A tall grass reaching 7 to 9 feet when planted in rows and allowed to mature for seed crop; if broadcast and cut in the bloom for hay, it grows about 4 feet high. It has proved so satisfactory that it is now established as one of our permanent forage crops. Three tons of cured hay per acre have been secured, and three cuttings made. It is a great drought-resister and is particularly adapted to semi-arid regions. As it is an annual it must be seeded each spring. A good silage crop when sown with cowpeas or soja beans. Sow 40 pounds to the acre. Lb. 15 cts.; 100 lbs. \$8.

## Tall Meadow Oat Grass

Yielding twice as much hay as timothy or orchard grass, and is as early as orchard grass, with more leaf and affording better grazing, it is not strange that this grass is becoming so popular. It keeps green all winter and all summer; the drought of midsummer or the cold of winter does not injure it. As it starts growing very early in the spring it can be cut twice for hay. Monumental Brand Fancy Seed, lb. 25 cts.; bus. (11 lbs.) \$2.25.

## Orchard Grass

Succeeds in shady places, especially in orchards. Starts early in the spring and continues well into winter. It is of quick growth, and is relished by stock, especially when it is young and tender, and withstands close grazing. Makes excellent hay, and gives the very best results grown with tall meadow oat grass and red clover. It should be cut when in blossom, as the hay is damaged if the seed is allowed to ripen. Sow in spring or fall, either with grain or alone, 2 bushels per acre if sown alone, or with red clover,  $1\frac{1}{2}$  bushels of orchard grass and 8 pounds of clover are the quantities usually sown. Monumental Brand Fancy Seed, lb. 25 cts.; bus. (14 lbs.) \$2.75.

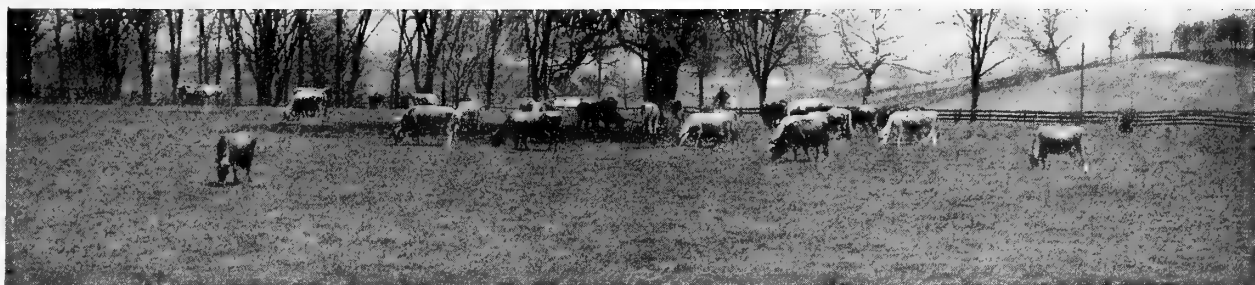
## Red or Creeping Fescue

A creeping, rooted variety forming a close and durable turf particularly suited to dry, sandy soils. Resists drought and thrives on very poor soils, gravelly banks, and exposed hillsides. Valuable for shady lawns and golf-courses. Sow 30 pounds to the acre if used alone. Monumental Brand Seed, lb. 45 cts.; bus. (14 lbs.) \$5.50.



Sudan Grass





## GRASS AND CLOVER SEED MIXTURES

For Golf Courses, Hay, and Pastures

These Mixtures give the most satisfactory results to customers, and our trade in them is increasing rapidly. The advantage of sowing grasses and clover seed in mixtures has long been recognized, and the practice is increasing to a very remarkable extent. We will take pleasure in advising our customers what grasses are suitable for their soils and purposes.

We have in the following mixtures combined grasses adapted to various soils and the uses for which they are recommended. Those for permanent pastures are composed of grasses which succeed each other in growth, and give a succession from the first of spring until late winter, while in those for hay we have combined grasses which ripen together. In all our mixtures we are introducing small quantities of alfalfa clover with the idea of inoculating the land with alfalfa bacillus. Alfalfa revolutionizes farming, but the bacillus must be established before the revolution can occur. In all our mixtures we use the very best seed.

PLEASE WRITE FOR LATEST PRICES ON FOLLOWING GRASSES

### PASTURE MIXTURES

The mixtures listed below will produce excellent results for both permanent pasture and mowing for hay

**MIXTURE NO. 1. For Light, Dry, Gravelly or Sandy Soils.** Sow 30 to 35 pounds to the acre. Lb. 25 cts.; 10 lbs. at 20 cts. per lb.; 100 lbs. at 18 cts. per lb.

**MIXTURE NO. 2. For Heavy Loam or Clay Soil.** Sow 30 to 35 pounds to the acre. Lb. 25 cts.; 10 lbs. at 20 cts. per lb.; 100 lbs. at 18 cts. per lb.

**MIXTURE NO. 3. For Moist Bottom Land.** Sow 25 to 30 pounds to the acre. Lb. 25 cts.; 10 lbs. at 23 cts. per lb.; 100 lbs. at 20 cts. per lb.

**MIXTURE NO. 4. Shady Nook Meadow Mixture.** This mixture is specially prepared for good loamy soil in partially shady situations. Sow 30 to 35 pounds to the acre. Lb. 25 cts.; 10 lbs. at 23 cts. per lb.; 100 lbs. at 20 cts. per lb.

### GRASSES

**ENGLISH or PERENNIAL RYE GRASS.** Produces an abundance of foliage, which remains bright green during the season. The hay is relished by all kinds of stock. It will grow well on almost any land. Sow 50 pounds per acre either in the spring or fall. Lb. 25 cts.; 100 lbs. \$17.

**PACEY'S SHORT-SEEDED PERENNIAL RYE.** Specially suited for a fine lawn mixture and extensively used on the beautiful lawns in England. It makes a quick, leafy growth of fine texture. Lb. 25 cts.; 100 lbs. \$20.

**ITALIAN RYE GRASS.** Less wiry than perennial rye grass and is particularly well adapted to the soils and climate of Florida, where it is sown very extensively in the fall and winter for lawn purposes. Sow about 24 pounds of seed to the acre. Monumental Brand Seed, lb. 20 cts.; 100 lbs. \$13.

**CRESTED DOG'S-TAIL.** Roots deeply and withstands dry weather. Does well in the shade. Lb. 60 cts.; 100 lbs. \$50.

**ROUGH-STALK MEADOW.** One of the best grasses for a meadow. Sow 30 pounds per acre. Lb. 60 cts.

**HARD FESCUE.** A valuable grass for dry lands and sandy soils. Sow 30 pounds to the acre. Lb. 40 cts.; bus. (12 lbs.) \$4.75.

**FINE-LEAVED FESCUE.** A short, small turf-forming grass for wooded places and for lawn purposes. Lb. 50 cts.

**SHEEP FESCUE.** An excellent grass for poor, sandy soils. Resists drought remarkably well. Sow 40 pounds per acre. Lb. 40 cts.; bus. (12 lbs.) \$4.75.

**CREeping BENT.** Distinct because of its compact, creeping, rooting stems. Fine for lawns and putting greens because of its fine texture. If sown alone use 50 pounds to the acre. Monumental Brand Seed, lb. \$1.00.

**SWEET VERNAL.** Excellent for mixture in lawns for its fragrance. Lb. 65 cts.

### SPECIAL GOLF MIXTURES

#### FOR PUTTING-GREENS

For this purpose a close, low-growing grass is required that will withstand lots of tramping and make a springy, tough turf. After thoroughly experimenting and scientifically testing, we have formulated a mixture that will give the ideal putting-green. This mixture will grow on almost any soil. Lb. 70 cts.; 100 lbs. \$60.

#### MIXTURE FOR GOLF TEES

A most enduring sod is needed on the entire golf course, and this mixture will produce a sward that will withstand rough usage and continue to grow through the most strenuous season. Lb. 50 cts.; 100 lbs. \$40.

#### FOR FAIR GREENS

For the rest of the course, where a very close-growing sod is not necessary, but a beautiful, velvety, green grass is desired, we especially recommend our special mixture for fair greens. By using it in connection with our special mixture for putting-greens it assures an even, velvety, green golf course equal to the best of lawns. This mixture will thrive well even on poor soil. Lb. 50 cts.; 100 lbs. \$40.



25 lbs. or over at 100-lb. rate. Freight, express, or postage extra on all Field Seeds



Burt or 90-Day Oats

### Seed Oats

Please write us for lowest prices

**BURT or 90-DAY.** On account of its early maturity, it escapes the dry, hot weather frequently experienced in June, and because of this is one of the surest cropping varieties for the South. Bus. \$1.35.

**FULGHUM.** Practically two to three weeks earlier than other rust-proof Oats. It is absolutely beardless, drills easily, and is a safe horse-feed. The best and most remarkable of the southern Oat crops. One of the best spring Oats known. Bus. \$1.25; 5 to 10 bus. at \$1.15 per bus.; 25 bus. or more, \$1.10 per bushel.

**VIRGINIA GRAY WINTER or TURF.** When sown before the middle of March, far outyields ordinary spring Oats, making heavier grain. Bus. \$1.35.

**WHITE SPRING.** Most generally sown throughout the North and West, and also largely grown in this section, although the newer varieties offered by us are decidedly preferable, both in yield and reliability of cropping. Bus. \$1.

**APPLER.** Equally adapted for sowing both in spring and fall, but in spring should be sown before the middle of March. It is strong, quick-growing, with a bunchy head and heavy grain. One of the most reliable rust-proof Oats for the South. Bus. \$1.25; 10 bus. or more at \$1.15 per bus.

**MONTANA or SWEDISH.** Originally imported from Sweden. Very large, white, plump, and heavy grained, yielding enormous crops. The coarse straw is noted for its stiffness and power to withstand lodging. Bus. \$1.25.

### Vetch

**HAIRY** (*Vicia villosa*). When sown in August or September, it covers the ground before frost and prevents leaching of the soil during winter and spring. When sown in April or May it can be cut in July, the second growth affording excellent pasture during summer. Sow 30 to 40 pounds of seed per acre alone; with rye or oats, 30 pounds to ½ bushel per acre. Lb. 20 cts.; 10 lbs. at 18 cts. per lb.; 100 lbs. \$14.

**SPRING or TARES.** Used for the same purpose as Hairy Vetch, but must be planted in the spring where the winters are severe, as it is not so hardy as Hairy Vetch. Monumental Brand Seed, lb. 15 cts.; 10 lbs. at 12 cts. per lb.; 50 lbs. at 10 cts. per lb.; 100 lbs. at 8 cts. per lb.

**OREGON.** Like Spring Vetch, but it can be planted in the fall in all Southern States as well as in the spring. Monumental Brand Seed, lb. 15 cts.; 10 lbs. \$1.25; 50 lbs. \$6.25; 100 lbs. \$12.

Prices of field seeds are f. o. b. Baltimore and are subject to market changes. Sacks extra at cost, except where otherwise stated. Because of unsettled market, we could not quote prices on many seeds when this Catalogue went to press. Please write for latest prices of all Field Seeds—it will pay you.

### Rape

**DWARF ESSEX.** Rape is ready for pasturing sheep or cattle within six weeks from sowing, and on an average, 1 acre will support twelve to fifteen sheep six weeks to two months. As it thrives best in cool weather, it should not be sown in the Southern States until September or October for winter pasture. Sow 5 pounds of seed per acre broadcast; 2 to 3 pounds per acre in drills. Lb. 15 cts.; 10 lbs. \$1.10, 100 lbs. \$8.50.

### Sorghum or Cane

**EARLY AMBER.** Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield two or three cuttings a year, stolling out thicker each time it is cut. It grows 10 to 12 feet high. Broadcast for forage at the rate of 1 to 1½ bushels per acre; sow at the rate of 1 peck per acre in drills 3½ to 4 feet apart. Lb. 10 cts.; bus. (50 lbs.) \$2.60.

**EARLY ORANGE.** This variety is rapidly growing in favor. Similar in growth to Early Amber, but it is claimed that it produces a heavier crop. Please write for lowest prices. Lb. 10 cts.; bus. (50 lbs.) \$2.80.

**SUGAR DRIP.** A new, distinct Sorghum. One of the best varieties for making syrup. Grows 12 to 15 feet high. Many growers think it makes the sweetest and finest flavored of all Sorghum syrups. Seed is often sold at fancy prices. Because of its especial sweetness, cattle are extremely fond of it. Lb. 20 cts.; bus. (50 lbs.) \$4.50.

### Turnip

**LONG WHITE COWHORN.** These can be fed to stock as needed and the rest allowed to remain in the ground and rot, having a valuable fertilizing property. They grow nearly half out of the ground and are carrot-like in form. Sow 2 pounds of seed to the acre, broadcast. Oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. at 55 cts. per lb.

### Buckwheat

**JAPANESE.** For a late summer crop, Buckwheat is very desirable and profitable, especially in mountainous sections. It is easily grown, makes splendid food for bees, and a large yield of grain. As much as 40 bushels to the acre have been harvested, making it very profitable. Sow 1 bushel per acre. Pk. 65 cts.; bus. \$2.50. Please write us for latest prices.

### Rye

**SPRING.** Now largely sown in the Middle States in place of oats, being a much more profitable crop because it produces nearly four times the straw, and also as a "catch" crop where winter grain has failed. Produces 30 to 40 bushels of grain per acre. As it does not stool like Winter Rye, not less than 2 bushels to the acre should be sown. Bus. \$2.50.

**ABRUZZI.** Earlier than other Ryes. Stools heavier and makes double the grain and forage. Sow September and October, 1 bushel or more to the acre; for seed, sow November 15. Never winter-kills. Often grows 6 feet with 6-inch head. Makes about 20 bushels per acre. Suffers little in spring droughts. Bus. \$2.50.

### Barley

**BEARDLESS SPRING.** A quick-growing crop of most excellent and nutritious green feed and is growing in popularity. It also makes a good grain crop. Sow 1½ to 2 bushels per acre. Bus. \$2.10. Please write us for market prices.

**BEARDED SPRING.** This variety is most generally used as green food or hay crop, but where grown for the grain, the beardless variety is mostly wanted. Bus. \$2.

### Sunflower

**BOLGIANO'S GIANT.** Sow from March to July, 5 to 10 pounds per acre. Plant with corn-drill, in rows 3 to 3½ feet apart, and thin to one plant every 18 to 22 inches. 5 lbs. 75 cts.; 10 lbs. \$1.25; 100 lbs. \$10.



New Era Cowpeas

## COWPEAS

**MIXED.** We strongly recommend sowing Mixed Cowpeas for improving the soil. The upright kinds support the vining varieties, so that they make much better growth and give more satisfactory results.

**NEW ERA.** This new extra-early Cowpea is unquestionably one of the most valuable in cultivation. It makes quicker growth than any other and is very prolific.

**BLACK.** Seed medium-sized, black, matures early. Vines trailing.

**GRAY CROWDERS (Shimney).** Vine trailing. Seed large, mottled gray and blue, matures medium late.

**BRABHAM.** A cross between the Whip-poor-Will and Iron and especially valuable because it combines good characteristics of both.

**BLACK-EYE.** Vines erect. Seed medium-sized, white, matures medium late.

**WHIP-POOR-WILL.** Vines erect. Seed large, mottled red and white, matures early. Good to grow between corn.

**CLAY.** Seed medium-sized, cream-colored, matures medium late. Vines tall and erect.

PLEASE WRITE FOR LATEST PRICES ON ABOVE

## Canada Field Peas

The vines make rich, nutritious hay, and if fed to milch cows when green—pods, vines, and all—the flow of milk will be almost doubled. Sow in January, February, or early March. Pk. \$1.25; bus. \$4.50. Write for latest prices.

## SOJA BEANS

**MAMMOTH YELLOW.** The largest growing and most popular variety for forage purposes, although a little later in maturing.

**WILSON BLACK.** Very small seed. Matures in about 90 days. It can be grown in the Northern States where an early variety is desired.

**O-TOO-TAN.** Entirely different from other Soy Beans. The main stem is erect, 3 to 4 feet high, and from it running branches extend 7 to 8 feet. It is not a climber.

**VIRGINIA.** About 20 days earlier than Mammoth Yellow. The vines make a fine growth standing about 3 feet high, are easy to cut and cure, and are filled with pods.

**BILOXI.** This is two or three weeks later than Mammoth Yellow and requires a longer growing season. In Tennessee it grows 5 feet 7 inches without support and makes three tons of hay per acre.

**LAREDO.** This differs from any other variety in habit. When the plants are a few inches high they stool like oats, and each plant sends up six to fifteen very fine branches, making it one of the very best Beans for hay.

## MILLETS

A SPLENDID QUICK-GROWING SUMMER HAY CROP

**GERMAN (Golden) Southern Grown.** Plant from middle of May until the end of June at the rate of 1 bushel per acre. Cowpeas sown with German Millet make fine hay, and should be sown at the rate of 3 pecks of Millet and 1 bushel of cowpeas to the acre. Monumental Brand Fancy Southern Millet, pk. 75 cts.; bus. (50 lbs.) \$2.50.

**JAPANESE (Billion-Dollar Grass).** Grows 6 to 9 feet high and yields enormous crops. It is relished by all kinds of stock. Sow 15 pounds to the acre broadcast; 10 to 12 pounds in drills 1 foot apart. It does best on low, moist ground. Lb. 15 cts.; 100 lbs. at 12 cts. per lb.

**HUNGARIAN.** Hay is quite leafy, and of very fine quality. Should be sown at any time from the middle of May until the end of June at the rate of 1 bushel per acre. Lb. 10 cts.; 100 lbs. \$7.50.

**PEARL (Cattail).** Largely used by dairymen. It furnishes green food throughout the summer as three or four cuttings a season can be obtained. It can be fed either green or cured as dried forage, making a most nutritious feed relished by all kinds of stock. Sow 5 pounds per acre in drills 3 feet apart; broadcast at the rate of 20 to 30 pounds per acre. Lb. 15 cts.; 100 lbs. at 12 cts. per lb.



The Best Inoculation for All Legume Seeds



We believe in inoculation, we favor the pure jelly medium, and we believe in Stimugerm. We recommend that all legume seeds purchased from us be inoculated before planting.

A different culture is required for each legume group, so, when ordering, be sure to state what crops you wish to inoculate.

### NEW LOW PRICES

For small seeds—Clovers, Alfalfa, etc.

1/4-bus. size.....\$0.35	1-bus. size.....\$1.00
1/2-bus. size......60	2 1/2-bus. size.... 2.25
10-bus. size.....\$8.00	

Special reduced prices on cultures for large-size seeds—  
Soja Beans, Cowpeas, Peas, Beans, etc.

1/2-bus. size.....\$0.35	1-bus. size.....\$0.60
5-bus. size.....\$2.25	

Special Garden Size for Garden Peas, Beans, and Sweet Peas, 25 cts.

## Mulford Cultures

FOR LEGUMES

Increase Your Crops

Improve Your Soil

Legume crops, properly inoculated with nitrogen-fixing bacteria, add both humus and nitrogen to the soil and should be included in every crop-rotation program.

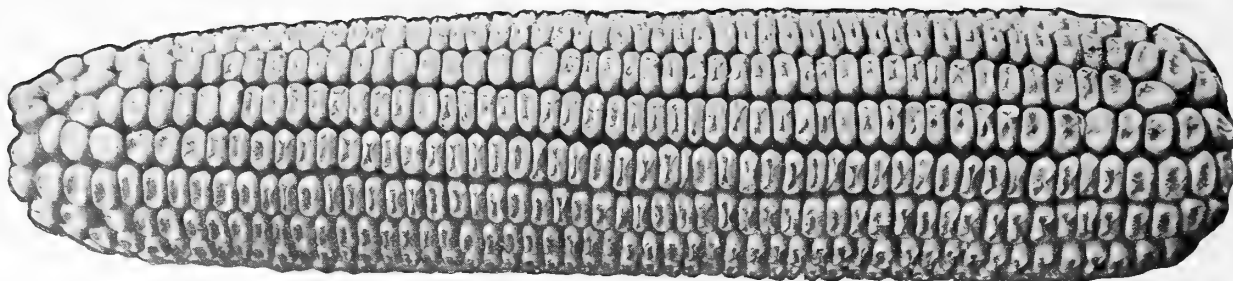
Mulford Culture Concentrates are economical and easy to use. The sealed bottle insures purity.

Always specify on your order what crop you want to inoculate

<b>FOR SMALL SEEDS—Alfalfa,</b>	<b>FOR LARGE SEEDS—Cowpeas</b>
Clovers, etc.	Soja Beans, etc.

1/2-bus. size.....\$0.60	1-bus. size.....\$0.60
1-bus. size.....1.00	2-bus. size.....1.00
2 1/2-bus. size.....2.25	5-bus. size.....2.25
10-bus. size.....8.00	20-bus. size.....8.00

Garden Size (composite culture for Garden Beans, Garden Peas, Lima Beans, and Sweet Peas).....	.35
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Bolgiano's Prosperity Yellow Dent Corn



Large Can of Crow Repellent, enough for 2 bushels of Seed Corn (8 to 10 acres) \$1.50. Half-size can \$1 f. o. b. Baltimore. Postage extra.

## SEED CORN

### YELLOW VARIETIES

#### BOLGIANO'S PROSPERITY YELLOW DENT.

Most attractive, largest, greatest yielding Corn ever introduced. When we sent out this Corn years ago, it was the best yellow Corn we had ever seen, and today it is far better than when we introduced it, as we have improved it year by year by very careful selection and breeding. By these painstaking efforts we have added more rows to the cob and increased the depth of the grain, besides intensifying its beautiful deep golden color. It is a luxuriant grower, attaining a height of about 12 feet. When grown in the vicinity of Baltimore it is ready to cut in 110 to 120 days from planting. If you want the biggest and best crop of Corn you have

ever raised, use Bolgiano's Prosperity. Postpaid, qt. 45c.; not prepaid, pk. (14 lbs.) \$1.25; bus. (56 lbs.), \$4.

**IMPROVED LEAMING.** Its extreme earliness and fine quality have made it very popular with the farmers, and especially with those in localities where the seasons are short. The ears and grains are medium size. Postpaid, qt. 40 cts.; not prepaid, pk. (14 lbs.) \$1; bus. (56 lbs.) \$3.50.

**REID'S YELLOW DENT.** A splendid variety with 18 to 20 rows of kernels to the ear which averages 8 to 10 inches long. The cob is small and red and the grains are very close together. Stalk very heavy and not easily blown down. It matures in 100 days and is a heavy yielder in the Middle and Southern States. Postpaid, qt. 40 cts.; not prepaid, pk. (14 lbs.) \$1; bus. (56 lbs.) \$3.50.

**LANCASTER SURE CROP.** A good variety for sections having a short growing season. Matures early (in about 100 days), the ears are very long, and the rich light yellow grains are of medium width and length. Averages 12 feet in height. The stalks are well supplied with broad leaves, making it a very valuable silage Corn, while as a cribbing Corn it is very desirable and is highly recommended by county agents. Postpaid, qt. 40 cts.; not prepaid, pk. (14 lbs.) \$1; bus. \$3.75; 5 bus. \$18.

### WHITE VARIETIES

**HICKORY KING.** Large grains and small cob. A strong grower, the stalks taking a firm hold in the ground and standing upright, resisting severe storms. It yields splendid crops on light soil and is undoubtedly the best and most productive white Field Corn for the South. Postpaid, qt. 40 cts.; not prepaid, pk. (14 lbs.) \$1; bus. (56 lbs.) \$3.50.

**RED-COB 90-DAY.** This Corn meets a long-felt want, because it can be used as a roasting-ear Corn and when fully matured makes first-class stock-feed. The ear is large, and handsome, suitable for an early crop or for a late crop, because it matures in 90 days. Always safe and profitable. Postpaid, qt. 40 cts.; not prepaid, pk. (14 lbs.) \$1; bus. (56 lbs.) \$3.50.

**EUREKA ENSILAGE.** The very best silo Corn on the market. Our seed is selected to give a large amount of fodder, three or four long, slender ears to the stalk. Grows 15 feet high. Can be sown in hills or planted in checked rows. It is a very rapid grower and can be raised throughout the United States with wonderful success. Postpaid, qt. 40 cts.; not prepaid, pk. (14 lbs.) \$1; bus. (56 lbs.) \$3.50.

**BOONE COUNTY WHITE.** Cylindrical ears well filled out at both ends, 9 to 11 inches long, averaging 20 rows—some 18 and 22—of very deep grains, a little rough. Cobs white, of medium size. Postpaid, qt. 40 cts.; not prepaid, pk. (14 lbs.) \$1; bus. \$3.50.

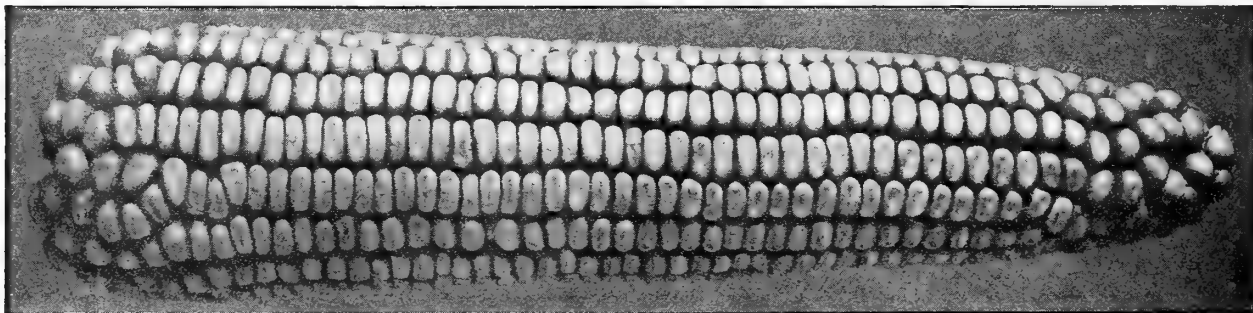
**BOLGIANO'S CUBAN GIANT ENSILAGE.** We have thoroughly tested the Cuban Giant beside all large, white-grain ensilage varieties and it is of stronger vitality. Grains are pure white, very large, broad and long. The best milk-producer of all ensilage Corns, being as sweet as Sugar Corn. Outyields Red Cob Ensilage and is 10 to 12 days earlier. Postpaid, qt. 40 cts.; not prepaid, pk. (14 lbs.) \$1; bus. (56 lbs.) \$3.50.

**WHITE RICE POP-CORN.** A most popular variety and a very prolific producer of ears of excellent quality that pop pure white. Postpaid, qt. 40 cts.; 5 lbs. \$1.25; not prepaid, 10 lbs. \$1.50; 100 lbs. \$12.50.



See page 63

WRITE FOR LATEST PRICES ON ABOVE VARIETIES OF CORN



Reid's Yellow Dent Corn





## Bolgiano's Annual Flower Seeds

Selected Strains Superior Quality

Perennial Flower Seeds for the Hardy Garden will be found on pages 47 to 50

**GENERAL CULTURAL DIRECTIONS.** To get an early start seeds can be sown indoors in shallow boxes or seed-pans, not over 3 inches deep. About 1 inch of rough material should be placed in the bottom, and on top of this another inch of fine sifted soil. After the surface has been smoothed and lightly pressed, sow the seed evenly and cover lightly with soil. Then press firmly and water very carefully in order not to wash the seeds out of the ground. Cover the box with a pane of glass, keep in a temperature of about 65 degrees, and water carefully as needed. As the seedlings grow, the glass can be removed and the plants transplanted into other boxes or small pots from which they may be planted in the open ground when the weather is favorable. Before sowing seed outdoors, the ground should be thoroughly spaded and raked until it is as smooth and fine as possible. The seeds should be covered three or four times their diameter in order to prevent rains from washing them out. Do not sow seeds of tender plants until all danger of frost is over.

### Acroclinium (Everlasting)

**Double-flowering.** Plants about 15 inches high, bearing lovely white or rosy pink flowers, which when cut in the bud, can be dried and used in winter bouquets. Very attractive when grown in a mixed border. Mixed, pkt. 10 cts.

### Arctotis

**Grandis.** African Daisy. Flowers like large, white Daisies with the under side of the petals lilac and the foliage white and downy. They are fine for cutting because of their 2-foot stems and long keeping qualities. Pkt. 10 cts.; 1/4 oz. 40 cts.



Arctotis Grandis

### Ageratum

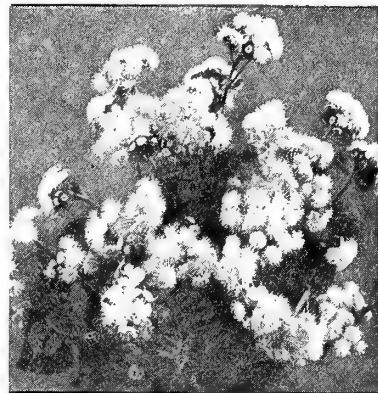
A quick-growing plant with bright, attractive flowers, even when the summer is hot and dry. It is easily grown and combines charmingly with other flowers in the garden or when cut.

**Blue Perfection.** Large heads of the darkest blue. Blooms in great abundance. Pkt. 10c.; 1/4 oz. 25 cts.; oz. 75c.

**Imperial Dwarf Blue.** A fine dwarf light blue sort, excellent for edging. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 75c.

**Imperial Dwarf White.** Small, compact plants about 8 inches high. Flowers woolly and white, in small heads. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 75 cts.

**Little Blue Star.** Very dwarf, compact plants with dark blue flowers. For edging. Pkt. 25c.; 5 pkts. \$1.



Ageratum, Little Blue Star

### Alyssum

Dainty, fragrant-flowered little plants that bloom in great profusion all summer, also indoors during the winter. Charming for edging, borders, rockwork, vases, and baskets.

**Lilac Queen.** A flat, exquisite edging plant, covered with delicately lilac flowers of great daintiness. As autumn approaches the cool nights cause the color to become much intensified and very striking. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 70 cts.

**Little Gem.** Plants grow 2 to 3 inches high and produce mats of tiny white flowers. Pkt. 10 cts.; oz. 70 cts.

**Maritimum.** Sweet Alyssum. The popular, old-fashioned, trailing variety. Flowers pure white. Pkt. 10 cts.; oz. 40 cts.

### Amaranthus

**Tricolor.** Joseph's Coat. Showy foliage of green, red, and yellow. Height 3 ft. Pkt. 10 cts.; oz. 50 cts.

## ASTERS

### Selected and Improved Strains

Asters are the most popular annual flower on account of ease of culture, season of bloom, and lasting qualities, both in the garden and as cut-flowers. To be able to cut Asters abundantly over the longest possible period, several sowings of the early, midseason, and late-flowering types should be made. Sow the seed in shallow boxes in the house or hotbed in March; transplant the seedlings 2 inches apart in boxes, when they are large enough to handle; and plant in permanent beds in May. The second sowing can be made in the coldframe the latter part of April. The third sowing should be made the latter part of May. Set the plants of early varieties 10 inches apart in the row, and those of the later varieties 15 to 18 inches apart. The richer the ground the better the flowers will be. Water is very necessary. Asters are wonderfully adaptable and make fine single specimens, a perfect border, a gorgeous display of massed colors, and a graceful effect in shrubbery.

### California Double Giants

We recommend this type as the best Aster on the market today. Characterized by the Crego or Ostrich Feather type of flower, combined with the Beauty Aster's long, non-lateral branching stems and sturdy habit of growth, the California Double Giant type of Aster stands at the head of the list, not only for florists' use, but also for private gardens where quality is appreciated.

<b>White</b>	<b>Light Purple</b>	<b>Dark Purple</b>
<b>Peach Blossom</b>	<b>Deep Rose</b>	<b>Mixed</b>
<b>Light Blue</b>	Any of the above, pkt. 20 cts.	

Collection: One pkt. each of above 6 colors, \$1

### American Branching (Vick's Branching)

Plants 2½ to 3 feet high, of branching, robust habit. Flowers large, double, and of fine form.

<b>White</b>	<b>Peerless Pink</b>	<b>Crimson</b>
<b>Lavender</b>	<b>Azure-Blue</b>	<b>Purple</b>
Any of the above, pkt. 10 cts.; ¼oz. 50 cts.		

Collection: One pkt. each of above 6 colors, 50 cts.

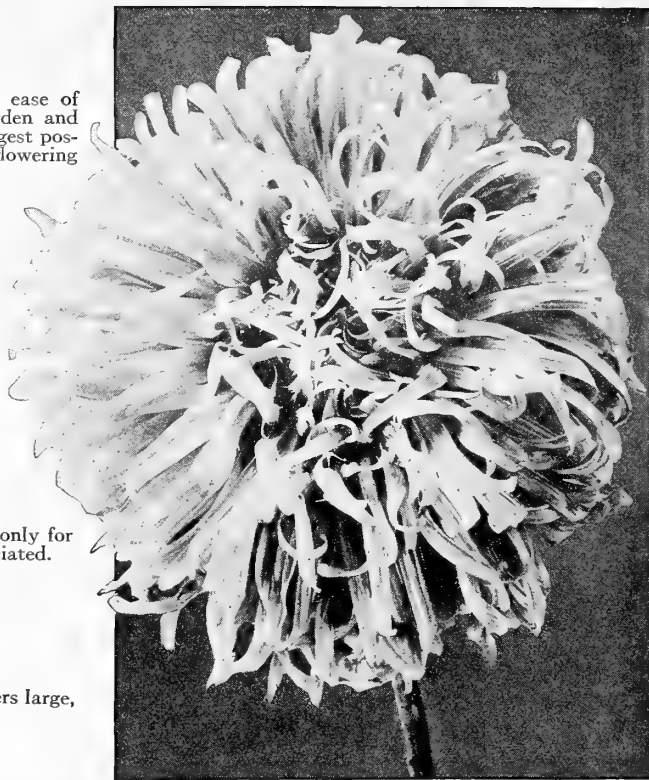
Mixed. Pkt. 10 cts.; ¼oz. 50 cts.; oz. \$1.50.

### American Beauty

Branching plants about 2 to 3 feet high, commencing to bloom in early September and lasting until destroyed by frost. The large flowers are borne on stout stems, 18 to 24 inches long.

<b>Crimson</b>	<b>Flesh-Pink</b>	<b>Purple</b>
<b>Deep Rose</b>	<b>White</b>	<b>Finest Mixed</b>
<b>Lavender</b>	Any of the above, pkt. 15 cts.; ¼oz. \$1	

Any of the above, pkt. 15 cts.; ¼oz. \$1



California Double Giant Aster

### Crego's Giant Comet

We consider this the finest of Comet Asters, bearing immense fluffy flowers, 5 inches and over in diameter. They bloom profusely from August until the end of September.

<b>White</b>	<b>Crimson</b>	<b>Azure-Blue</b>
<b>Purple</b>	<b>Rose</b>	<b>Mixed</b>
<b>Flesh-Pink</b>	<b>Lavender</b>	

Any of the above, pkt. 10 cts.; ¼oz. 65 cts.

### King (Needled Type)

Mostly of upright habit, 1½ to 2 feet high. Flowers large and double, petals quilled, making them distinct from all others and a very desirable class.

<b>Crimson</b>	<b>Rose (brilliant rose).</b>	<b>Violet</b>
<b>Lavender</b>	<b>White</b>	<b>Mixed</b>
<b>Shell-Pink</b>		

Any of the above, pkt. 10 cts.; ¼oz. \$1

Collection: One pkt. each of above 6 colors, 50 cts.

### New Sunshine

#### Improved Anemone-flowered

See inside front cover for colored illustration

We have trained ourselves so long to admire the fully double Asters that it comes as a considerable shock to see how much more exquisitely beautiful this new single type can be. The outer circle of rays is most daintily colored, while the starry golden crest in the center gives a most arresting effect. Stems are long and strong for cutting. The light blue and rose varieties are especially fine.

<b>White</b>	<b>Light Blue</b>	<b>Lavender</b>	<b>Rose</b>	<b>Finest Mixed</b>
Any of the above, pkt. 25 cts.; 4 pkts. 75 cts.				

### Queen of the Market

The very best early-flowering Aster, coming into bloom during July. Its large, graceful flowers, are borne on long stems, making them especially valuable for cutting.

<b>White</b>	<b>Lavender</b>	<b>Crimson</b>
<b>Dark Blue</b>	<b>Rose</b>	<b>Mixed</b>
<b>Flesh-Pink</b>		

Any of the above, pkt. 10 cts.; ¼oz. 50 cts.

Collection: One pkt. each of above 6 colors, 50 cts.



Sunshine Aster



Tall Antirrhinum



Border of Candytuft



Calliopsis, Golden Wave

## Antirrhinum · Snapdragon

These are among the best flowers for both cutting and bedding. Every year new types and color combinations are introduced until now they can be had in almost every imaginable color except blue. The tall varieties are best planted in the background and make the finest spikes for cutting. The semi-dwarf kinds are best for massing in beds for broad color effects. All kinds are benefited by staking when small, to insure erect growth. Seed should be started indoors early or in a coldframe for early bloom. Only ten weeks are required for the plants to commence blooming and they continue until frost. The plants are fairly hardy perennials and may be wintered in a coldframe or with heavy protection in the open.

### TALL GIANT-FLOWERING

About 3 feet high.

**Rose Queen.** Soft pink. **Yellow**  
**Garnet** **Bright Rose**  
**White** **Scarlet**

Any of above, pkt. 10 cts.; 6 pkts. 50 cts.

**Mixed.** Pkt. 10 cts.; ¼ oz. 50 cts.; oz. \$1.50.

### SEMI-DWARF, LARGE-FLOWERING

1½ to 2 feet tall. Excellent for bedding.

**Deep Rose** **White**  
**Pale Pink** **Yellow**  
**Scarlet** **Mauve Queen**

Any of above, pkt. 15 cts.; 6 pkts. 75 cts.

**Mixed.** Pkt. 15 cts.; ¼ oz. 70 cts.

## Balloon Vine (Love-in-a-Puff)

A graceful, rapid growing climber, with small white flowers followed by curious, balloon-shaped seed-vessels. This vine is of particular interest to children, as the "puff" or inflated pod contains black seeds each marked with a white heart-shaped spot. Pkt. 10 cts.

## Balsam Apple (*Momordica balsamina*)

A quick-growing, ornamental climber with beautiful foliage and bright orange-colored fruit which resembles an apple. The fruit opens when ripe, disclosing its seeds and red interior. Pkt. 10 cts.

## Balsam

**Improved Camellia-flowered.** Lady's Slipper. A dainty, old-fashioned annual, suitable for beds and borders. The vividly colored, rose-like flowers are borne among the leaves all up the plant and make a charming table decoration, when cut from the stalk and placed in a low glass bowl so they can float on the surface of the water. The ripened seed-vessels explode at a touch, scattering the seeds far and wide. A very useful annual to grow in quantity to fill in places where other plants have passed or died as they can be transplanted at any time, even when in full flower, with the greatest ease. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. \$1.

## Brachycome (Swan River Daisy)

**Iberidifolia.** Free-flowering, dwarf-growing annual, covered during the greater part of the summer with a profusion of pretty, daisy-like flowers, suitable for edgings, small beds, or pot culture. Height 9 inches. **Rose, White and Blue.** Each, pkt. 10 cts.

## Candytuft (*Iberis*)

**Umbellata.** A profuse-blooming, easily cultivated plant 12 to 15 inches high and very desirable for borders, beds, rockeries, and for cutting. The spikes of fragrant flowers are produced over a long season.

**Giant White** **Rose-Cardinal**  
**Lilac** **Crimson**

Each, pkt. 10 cts.; ¼ oz. 25 cts.; oz. 60 cts.

**Mixed.** Pkt. 10 cts.; oz. 40 cts.

## Balsam Pear

*Momordica Charantia*

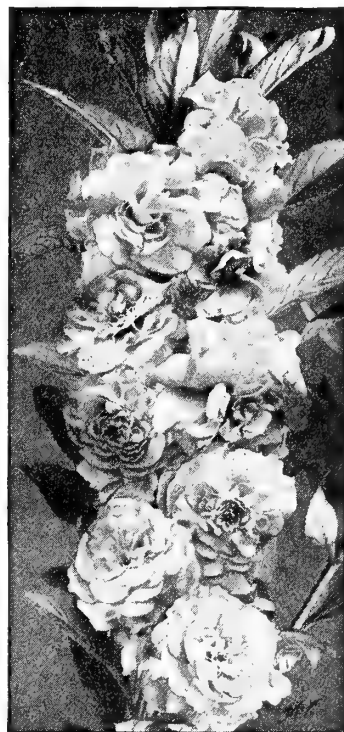
Somewhat similar to Balsam Apple but a stronger vine. Fruits yellow, pear-shaped, and warty, bursting into three segments when ripe, disclosing brilliant scarlet seeds. Pkt. 10 cts.

## Calliopsis

Attractive, free-flowering annuals, excellent for massing or cutting. The deep yellow flowers are long-stemmed, graceful, and in some varieties mottled with rich maroon and in others with velvety brown. Easily grown.

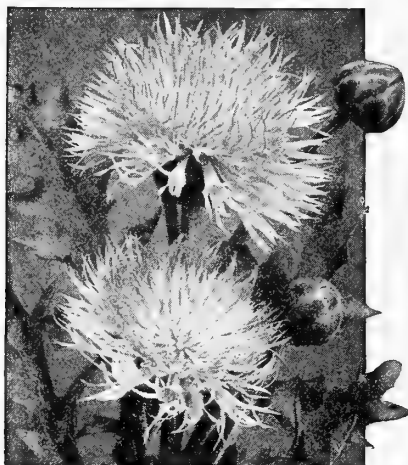
**Golden Wave (Drummondii).** Beautiful, rich, golden-yellow flowers with brown centers. Height 12 in. Pkt. 10 cts.; ¼ oz. 40 cts.; oz. \$1.25.

**Choice Mixed.** Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 60 cts.

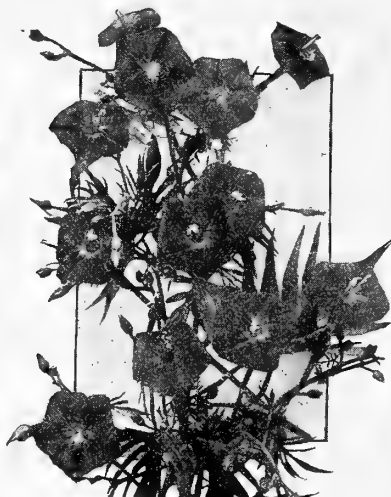


Improved Camellia-flowered Balsam

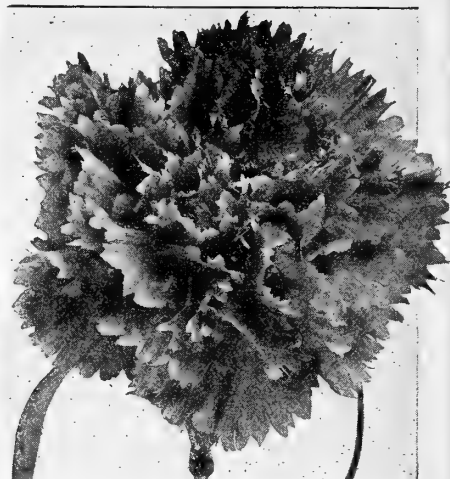




Centaurea Imperialis



Cardinal Climber



Annual Carnation

### Calendula (Pot Marigold)

A free-flowering, dwarf annual suitable for beds, mixed borders, or pot culture. The flowers come in every shade of yellow from ivory to the deepest orange. Desirable for cut flowers.

**Campfire.** A glorious new variety. See Novelties, page 3.

**Giant Lemon Queen.** Rich lemon-yellow sort like Giant Orange King in beauty, size, and shape, and most attractive when combined with it. Pkt. 15 cts.;  $\frac{1}{4}$  oz. 30 cts.; oz. \$1;  $\frac{1}{4}$  lb. \$3.

**Giant Orange King.** Choice selected strain. Rich, dark orange, double flowers, averaging 3 inches across. Pkt. 15 cts.;  $\frac{1}{4}$  oz. 30 cts.; oz. \$1;  $\frac{1}{4}$  lb. \$3.

**Prince of Orange.** Very large, double flowers of intense, burning orange. Very effective as a bedding plant, and a wonderfully showy and lasting cut-flower. Pkt. 10 cts.; oz. 25 cts.

**The Ball.** The best double orange variety for forcing. Pkt. 20 cts.;  $\frac{1}{4}$  oz. 65 cts.; oz. \$2.

**Double Mixed.** Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 60 cts.

### Canary-Bird Vine (*Tropaeolum canariense*)

A rapid-growing climber attaining a height of 10 to 15 feet. Attractive for trellises, porch-boxes, or hanging-baskets, producing beautiful leaves and golden-yellow flowers which resemble canary birds with expanded wings. Pkt. 10 cts.; oz. 40 cts.

### Cardinal Climber (*Ipomoea quamoclit hybrida*)

A rapid grower, often attaining 30 feet or more. The fern-like foliage and fiery cardinal-red flowers, about  $1\frac{1}{2}$  inches across, are borne in profusion from July to frost in clusters of five to seven. Seed may be sown indoors during April, or outdoors in May. Soaking them in warm water before planting hastens germination. Pkt. 15 cts.; 5 pkts. 60 cts.

### Annual Carnations

**Improved Marguerite.** A very carefully selected strain which gives an abundance of beautiful, fringed, double flowers within six months from sowing. The plants are unusually robust and make a brilliant display in beds and borders. For table decoration the flowers are especially useful on account of their sweet scent. Over 90 per cent come fully double. The favorite colors have been chosen and fixed, and it is now possible to ensure beds in distinct shades.

<b>Dark Red</b>	<b>Scarlet</b>	<b>Yellow</b>
<b>Deep Rose</b>	<b>White</b>	<b>Mixed</b>

Any of above, pkt. 15 cts.;  $\frac{1}{4}$  oz. 75 cts.; oz. \$2.50  
Collection: One pkt. each of above 5 colors, 60 cts.

### Castor-Oil Plant (*Ricinus*)

A gorgeous and luxuriant plant with large, palm-like leaves giving a semi-tropical effect. The rich colors of the foliage range from green to deep bronze. Desirable for lawns, massing or in the center of large beds.

**Gibsoni.** Dark red foliage. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

**Zanzibariensis.** Immense size. Coppery-bronze foliage, changing to dark green with reddish ribs. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

**Mixed Varieties.** All kinds. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.75.

### Centaureas

Very useful and free-flowering annuals of great diversity, almost indispensable in the garden for cut-flowers.

**CYANUS.** Bachelor's Button; Ragged Sailor. This type of Centaurea is well known and no garden is complete without it. Seed may be sown in the spring or fall. When large flowers are wanted, plants should be spaced at least 8 inches apart. They are hardy annuals and come up year after year from self-sown seed. The blue variety is most prized, and has much sentimental value.

**Double Blue, Double Pink, and Double White.** Each, pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

**Double Mixed.** Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 60 cts.

**Single Blue, and Single Mixed.** Each, pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.; oz. 50 cts.

**IMPERIALIS.** Royal Sweet Sultan. These charming, thistle-like flowers are borne on long, strong stems and are excellent for cutting. They keep fresh for a long time and are very fragrant.

**Pink, Purple, White, and Mixed.** Each, pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.; oz. \$1.

**Suaevolens.** Yellow Sweet Sultan. Very much like *C. imperialis* but generally smaller flowers and plant. Blooms rich golden yellow. Pkt. 15 cts.;  $\frac{1}{4}$  oz. 30 cts.; oz. \$1.

**CANDIDISSIMA.** Dusty Miller. A little plant used extensively for borders and edges of beds. Its leaves are silvery gray and form a pleasing contrast with brilliantly colored flowers. Pkt. 15 cts.;  $\frac{1}{4}$  oz. 75 cts.

**GYMNOCARPA.** A little larger plant than the Dusty Miller, but much like it, and used for the same purpose. The leaves are silvery and fern-like. Flowers unimportant. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.



Giant Calendula



## Celosia

**PLUMOSA.** Feather Cockscomb. An attractive plant for massing in beds and borders, having a wonderful landscape value. The plumes or flowers, which are produced on long stems, may be cut and dried for winter bouquets. **Crimson, Yellow, and Mixed.** Each, pkt. 10 cts.;  $\frac{1}{4}$  oz. 40 cts.

**CRISTATA.** Cockscomb. A popular garden annual grown for its showy, velvety, cockscomb-like flower-heads and green foliage. Good for borders.

**Empress.** Crimson. Dark foliage.

**Glasgow Prize.** Crimson. Green foliage.

Any of above, pkt. 15 cts.;  $\frac{1}{4}$  oz. \$1

**Dwarf Mixed.** Pkt. 10 cts.;  $\frac{1}{4}$  oz. 75 cts.

**CHILDSI.** Chinese Wool-Flower. Splendid decorative plant with large, ball-shaped flowers, resembling a ball of wool. The plant grows about 2 feet high, branches freely, and keeps blooming until finally killed by frost. **Crimson, Pink, Yellow, and Mixed.** Each, pkt. 15 cts.

Collection: One pkt. each of above 3 colors, 40 cts.

## Chrysanthemums

Free, summer-blooming, showy, daisy-like flowers, very attractive for bedding, borders, pot-culture, and cutting. For larger and more prolific blooms, sow seed early in a hotbed or coldframe and transplant to the open ground as soon as the soil has become thoroughly warmed. Average height, 2 feet.

### SINGLE ANNUAL VARIETIES

**Evening Star.** Rich yellow with somewhat darker disc.

**Morning Star.** Petals canary-yellow, disc somewhat deeper yellow.

**Burridgeanum.** Pure white petals with a zone of rich brownish red and inner zone of yellow surrounding the dark brown disc.

**W. E. Gladstone.** Rose and red.

**The Sultan.** Wallflower red, with a yellow zone around brown disc.

Any of above, pkt. 10 cts.; 5 pkts. 40 cts.

**Single Mixed.** Pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.; oz. 60 cts.

### DOUBLE VARIETIES

**White Pearl, Golden Queen, and Double Mixed.** Each, pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.; oz. 75 cts.

## Clarkia

**Elegans, Double.** For their bright and attractive colors, and for the ease with which they can be flowered in ordinary soil, Clarkias are extremely popular summer annuals. The plants bloom profusely, and when grown in masses a very striking effect is produced. In good ground each plant should be allowed a space of 8 to 10 inches. **Choice Mixed.** Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

## Cleome (Giant Spider Plant)

**Pungens gigantea. Rose Queen.** Three to 4 feet high, freely branches with a large flower head at the top of each branch. The separate flowers are interesting because of their long purple, spidery stamens and showy rose-colored petals. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

## Cobaea Scandens (Cup-and-Saucer Vine)

A climber of rapid growth with beautiful foliage and large, bell-shaped flowers. The plant grows 20 to 30 feet in a season.

**White-flowered.** Pkt. 10 cts.;  $\frac{1}{4}$  oz. 50 cts.

**Blue-flowered.** Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.

## Cosmos

One of the finest autumn-blooming plants, with attractive, feathery foliage and bright daisy-like flowers. It is most effective when planted in broad masses along background borders against evergreens or fences. The flowers are borne in great profusion. We recommend sowing Cosmos about the first of May, outdoors in rows, covering the seed about  $\frac{1}{4}$  inch, and when the plants are about 3 inches high, thin out or transplant to not less than 2 feet apart. Any garden soil will grow Cosmos to perfection; frequent cultivation around the base of the plants will greatly benefit them.

**EXTRA-EARLY MAMMOTH-FLOWERING.** Plants 4 feet high; blooms from July until cut down by frost. **White, Crimson, Pink, and Mixed.** Each, pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

**EXTRA-EARLY DOUBLE CRESTED.** The flowers are large, with full, double centers and an outer row of broad ray petals. The best for cut-flowers, blooming from July until frost.

**White Queen.** Glistening white.

**Pink Beauty.** Soft rose-pink.

**Crimson King.** Rich crimson.

**Mixed Colors.**

Any of above, pkt. 20 cts. each; 3 pkts. 50 cts.

**LATE MAMMOTH-FLOWERING TALL.** This type, a great improvement over the old, tall, small-flowering varieties, blooms late in the summer—usually September—when nearly everything has finished blooming. **Crimson, Pink, White, and Mixed.** Each, pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

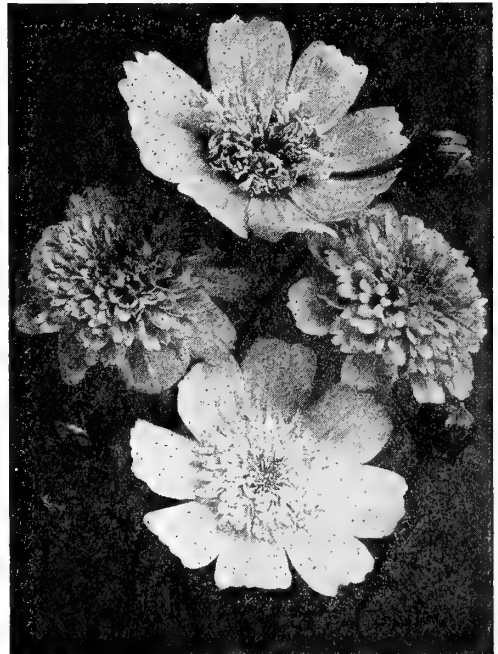
**KLONDYKE.** Large, golden yellow flowers  $2\frac{1}{2}$  to  $3\frac{1}{2}$  inches in diameter. These plants must be started very early to get them to bloom before frost. Pkt. 15 cts.;  $\frac{1}{4}$  oz. 35 cts.; oz. \$1.



*Celosia cristata* (Cockscomb)



Single Annual Chrysanthemums



Double Crested Cosmos

### Coleus

A favorite bedding and house plant useful for its beautiful vari-colored, ornamental foliage. The leaves are finely marbled and spotted and range in color from light yellow to very deep red. Pkt. 25 cts.; 5 pkts. \$1.

### Cypress Vine

A beautiful, rapid-growing vine with star-shaped blossoms. Its foliage is of a rich green color, very graceful, delicate and fern-like. A lovely vine for ornamental purposes. **Scarlet, White, and Mixed.** Each, pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.

### Dahlia

A very popular flower in many lovely colors. If the seed is sown early indoors, Dahlias will bloom the first year, and many beautiful new varieties will appear.

**Cactus-flowered Mixed.** A desirable, graceful type. Pkt. 50 cts.

**Double Large-flowering Mixed.** Seeds from fine double sorts in various colors. Pkt. 50 cts.

**Peony-flowered Mixed.** Mammoth, semi-double flowers. Pkt. 50 cts.

### Dianthus

**CHINENSIS.** Indian Pinks. An old favorite which blooms constantly all summer. The flowers are brilliantly colored but not fragrant. As an edging plant they are most desirable because of their clean habit.

**Fireball.** Extra-double, brilliant dark scarlet. Pkt. 10 cts.; 6 pkts. 50 cts.

**Salmon King.** Brilliant salmon-rose. Pkt. 15 cts.; 6 pkts. 75 cts.

**Snowball.** Large; double; white. Fine for cutting. Pkt. 15c.; 6 pkts. 75c.

**Violet Queen.** A rich violet. Pkt. 15 cts.; 6 pkts. 75 cts.

**Double Mixed.** All colors. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

**HEDDEWIGI.** Japanese Pinks. Improved strains of Indian Pinks with large, double flowers of brilliant color. They bloom from June until frost if faded flowers are kept cut. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.

### Dimorphotheca

**Aurantiaca.** South African Orange Daisy. A compact annual which throws up innumerable flowering stalks, bearing elegant, daisy-like, rich golden orange flowers all summer. Height 12 to 15 inches. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 50 cts.

### Didiscus

**Cærulea.** Blue Lace Flower. The plants grow about 2 feet high and branch freely, each stem crowned with an umbel of delicate, sky-blue flowers resembling Queen Anne's Lace. It is easy to grow and blooms from July to November. Pkt. 20 cts.; 5 pkts. 80 cts.



Didiscus cærulea



California Poppies

### Euphorbia

**Heterophylla.** Mexican Fire Plant; Summer Poinsettia. Grows 2 to 3 feet high, with green leaves for the most part but clusters of those at the top turn orange-scarlet and resemble poinsettias. Pkt. 10 cts.; 3 pkts. 25 cts.

**Marginata.** Snow-on-the-Mountain. Strong annuals, suitable for beds or mixed borders. The lovely green foliage margined with white, is extremely ornamental. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 20 cts.; oz. 60 cts.



Dianthus or Annual Pinks

### Dolichos (Hyacinth Bean)

A rapid-growing climber with attractive, heart-shaped leaves, flowering freely, in erect racemes. The seed-pods as well as the flowers are very ornamental. A splendid vine for covering arbors, trellises, etc. **White, Purple, and Mixed.** Each, pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

### Eschscholtzia

#### California Poppy

California Poppies are so easy to grow that everyone should have them. Sow in the permanent bed and thin out, do not transplant. They grow about 1 foot high and bloom all summer. These new varieties are very lovely. Our seed comes direct from the originator.

**Lovely.** Rose-pink, suffused salmon.

**Mauve Beauty.** Pure mauve.

**Orange Flame.** Vivid orange-scarlet.

**Scarlet Beauty.** Deep scarlet.

**Tango.** Bronzy red overlaid terra-cotta.

Any of the above, pkt. 10 cts.;  $\frac{1}{4}$  oz. 50 cts.

Collection: One pkt. each of above 5 varieties, 40 cts.

**Mixed.** Selection of all the best sorts and containing a wide range of colors. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

### Four o'Clock (Mirabilis)

**Jalapa.** An old-fashioned, quick-growing plant producing brilliantly colored flowers, which open about 4 o'clock in the afternoon. It is very useful for borders or low annual hedges. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

### Gomphrena (Globe Amaranth)

**Globosa.** An everlasting flower sometimes called "Bachelor's Button." The white, rose, and purple flower-heads look like red clover. It is excellent for bedding or drying for the winter bouquet. For the latter purpose, cut before the flowers are fully matured and hang up to dry. Pkt. 10 cts.; oz. 60 cts.



Helichrysum (Everlasting Flowers)

### Gaillardia (Mexican Blanket Flower)

A hardy annual, easily cultivated and very satisfactory for mixed borders and cutting. These daisy-like flowers are large, beautiful, and colored brilliant golden yellow, crimson, orange, amaranth, and claret. They bloom throughout the entire season.

**Lorenziana.** Gaily colored double flowers with tubular florets. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

**Picta.** Large, single, crimson and orange-colored flowers. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

### Godetia (Satin Flower)

A most attractive, bushy little annual plant, bearing brightly colored flowers of a satiny texture. The plants bloom profusely and are very effective in gardens. **Choice Mixed.** Pkt 15 cts.

### Gourds

Rapid-growing annual climbers, reaching a height of 20 to 25 feet. The vines bear ornamental fruit in most peculiar shapes. Very suitable for covering arbors, fences, and trellises. **Dipper, Calabash, Dish Cloth, Hercules Club, Pear, Egg, and Mixed.** Each, pkt. 10 cts.; oz. 50 cts.

### Gypsophila (Baby's Breath)

Delicate, graceful little plants with small flowers in sprays. Much in demand for cutting and combining with other flowers for bouquets and vases.

**Elegans alba grandiflora.** A large-flowering annual white variety. Several sowings should be made a season to insure succession of blooms. Pkt. 10 cts.; oz. 40 cts.

**Elegans rosea.** An annual form with delicate pink flowers. Pkt. 10 cts.; oz. 50 cts.

### Hunnemannia

**Fumariæfolia.** Giant Yellow Tulip Poppy; Bush Eschscholtzia. By far the best of the Poppy family for cutting purposes, the flowers keeping fresh in water for over a week. These bushy plants, with beautiful, feathery, glaucous foliage, are covered with large, clear, bright yellow cup-shaped flowers from July until frost. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

All Flower Seeds are quickly and easily disinfected against diseases by the use of Semesan. See page 63

### Helichrysum monstrosum (Straw Flower)

Handsome, showy flowers largely grown to dry and use in vases and baskets throughout the winter. They should be cut when about one-third open and with as long stems as possible. The foliage should be stripped off and the stems tied in bunches and hung heads downward in a dark, dry place to cure. The plants should be given plenty of room to grow, at least 1 foot each way. Most any soil is suitable. They are also very showy and lasting flowers for garden decoration.

The named varieties offered below afford a wonderful assortment of colors and will brighten the garden wonderfully with their glittering blooms. Height,  $2\frac{1}{2}$  feet.

**Fireball**  
**Golden Ball**  
**Rose Carmine**

**Salmon Queen**  
**Silver Ball**  
**Violet Queen**

Any of above, pkt. 10 cts.;  $\frac{1}{4}$  oz. 50 cts.

Collection: One pkt. each of above 6 varieties, 50 cts.

**Mixed.** Pkt. 10 cts.;  $\frac{1}{4}$  oz. 40 cts.; oz. \$1.

### Heliotrope

A half-hardy perennial, flowering during the whole season. Its delightful perfume makes it a most desirable bouquet flower. A splendid bedding plant. Seed started indoors in the spring will make fine plants for summer blooming.

**Dark Blue.** Pkt. 15c.;  $\frac{1}{4}$  oz. \$1.

**Mixed.** Pkt. 10c.; 6 pkts. 50c.

### Humulus

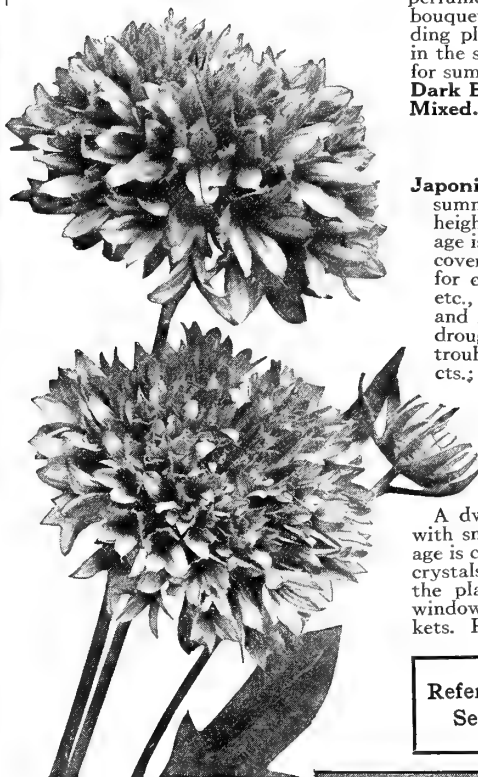
**Japonicus.** Japan Hop. A rapid summer climber which attains a height of 20 to 30 feet. The foliage is luxuriant, making a dense covering. One of the best plants for covering verandas, trellises, etc., producing grateful shade and is very ornamental. Heat, drought, and insects do not trouble it. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.; oz. 75 cts.

### Ice Plant

*Mesembryanthemum*  
*Crystallinum*

A dwarf, annual, trailing plant with small white flowers. Its foliage is covered with glistening little crystals like bits of ice which make the plant highly ornamental for window-gardens and hanging-baskets. Pkt. 10 cts.

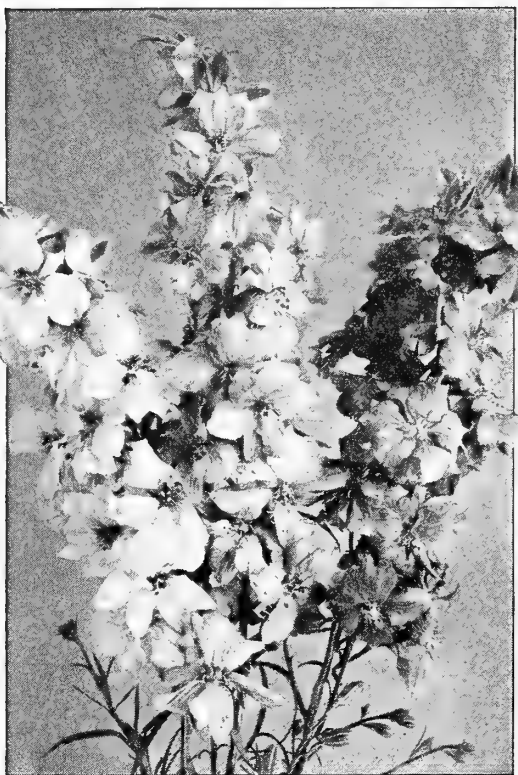
Refer to page 3 for Flower Seed Novelties for 1929



Gaillardia Picta



Gypsophila elegans



Annual Larkspur

### Lupinus • Lupine

**Hartwegi.** A very attractive plant with beautiful foliage and long spikes of blossoms, resembling those of the sweet pea. The plant attains a height of 3 feet and forms a pleasing background for other flowers. Desirable for cut-flowers. **Rich Blue, Rose, White, and Mixed.** Each, pkt. 10 cts.; oz. 40 cts.

### Marigold

The various classes of Marigolds include many exceedingly bright and attractive flowers, and in autumn, when other bedding plants are past their prime, they afford a wealth of color that is simply invaluable. The African varieties produce large, self-colored blooms on tall plants; the French are smaller, but the colors and markings are intensely interesting, some elegantly striped and spotted. The Dwarf Single French Marigolds hold the chief place in the class. They are most effective in ribbon borders and as edgings to beds of tall flowers, such as salpiglossis and zinnia. For Scotch, English or Pot Marigold, see Calendula.

#### DOUBLE AFRICAN VARIETIES

**Giant Lemon Ball.** Enormous flowers of perfect shape, freely produced. Height, 2½ feet. Pkt. 15 cts.; 6 pkts. 75 cts.; ¼ oz. 50 cts.

**Giant Orange Ball.** A darker form of the above variety—rich golden yellow. Pkt. 15 cts.; 6 pkts. 75 cts.; ¼ oz. 50 cts.

**Giant Mixture.** Pkt. 10 cts.; ¼ oz. 30 cts.; oz. \$1.

#### FRENCH VARIETIES

**Legion of Honor.** Little Brownie. A single-flowering Marigold, forming compact bushes about 9 inches high. It begins to bloom in June and continues until frost. The flowers are bright golden yellow, marked with a large blotch of velvety crimson at the base of each petal. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 75 cts.

**Dwarf Double, Finest Mixed.** Extremely effective for beds and borders. Plants 1 foot high and bloom from early spring until late fall. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 65 cts.

### Matthiola

**Bicornis.** Evening-scented Stock. An old-fashioned, easily grown annual, suitable for edging, bedding, pot-culture, and cutting. The flowers are a purplish lilac, and very fragrant at night. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 60 cts.

### Mimosa

**Pudica.** Sensitive Plant. An interesting annual grown for its sensitive leaves, which close and droop when touched or shaken. Pinkish white flowers. Pkt. 10 cts.

### Kochia

**Trichophylla.** Summer Cypress; Mexican Fire Bush. An old-fashioned, popular annual. It is easily grown from seed, forming ovoid bushes 2 to 2½ feet high. The dense, feathery foliage deepens in color as the summer advances, until the whole plant assumes a fiery crimson hue. Pkt. 10 cts.; oz. 40 cts.

### Lantana

**Dwarf Hybrids.** Small, well-known shrubby plants with clusters of verberna-like flowers of orange, rose, white, etc. Blooms very freely and can be potted for winter blooming. Pkt. 10 cts.; ¼ oz. 40 cts.

### Annual Larkspur, Double Stock-flowered

These lovely Annuals have been gaining in popularity each year, due to the ease with which they may be grown, their earliness to commence flowering, and the increasing range of colors. Seed should be sown in open ground as early in the spring as possible. If sown early in April, plants can be had in bloom early in July. About a foot should be allowed between plants. As cut-flowers they are unsurpassed.

White  
Lilac

Flesh  
Rose

Dark Blue  
Light Blue

Any of above, pkt. 15 cts.; ¼ oz. 30 cts.; oz. \$1.

Collection: One pkt. each of above 6 colors, 75 cts.

Mixed. Pkt. 10 cts.; oz. 60 cts.

**Exquisite Pink Improved.** A remarkably fine new variety described and offered among the Novelties on page 3.

### Linum

**Grandiflorum rubrum.** Scarlet Flax. The plant grows from 1 to 2 feet tall and produces quantities of bright red flowers resembling single-flowered pinks. It is highly ornamental and most satisfactory for beds or edgings. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. \$1.

### Lobelia

Charming little plants of delicate beauty, suitable for hanging-baskets, edging, or pot-culture. They bloom continually from June to November.

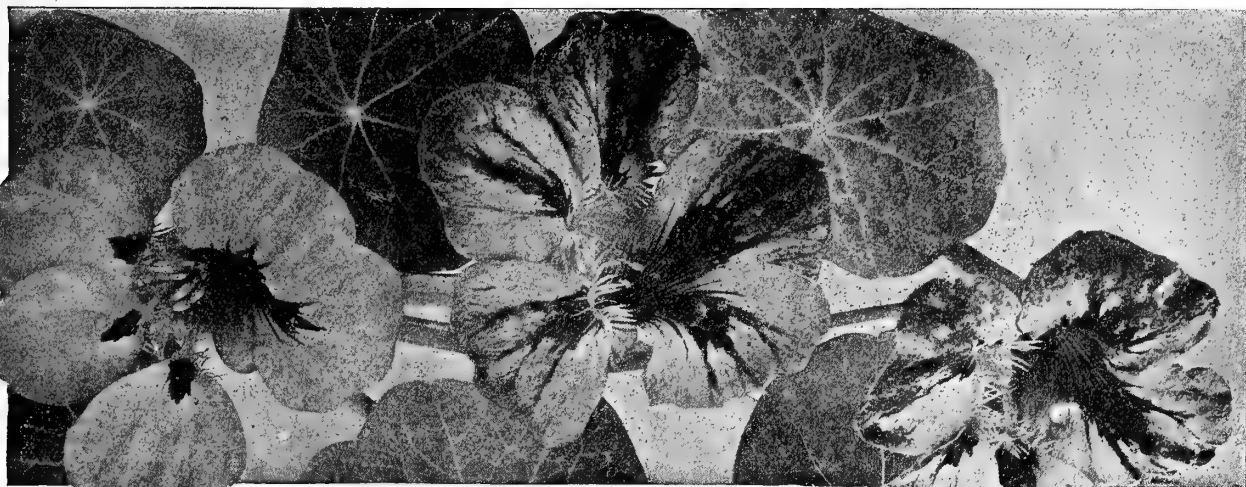
**Crystal Palace Compacta.** The very best bedding variety. Rich dark blue flowers on plants 4 inches high. Pkt. 10 cts.; ½ oz. 60 cts.

**Gracilis.** Plants of trailing habit, suitable for hanging-baskets, vases, etc. Flowers dark blue. Pkt. 10 cts.



French and African Marigolds





Bolgiano's Giant-flowering Nasturtiums

## Mignonette

No garden is complete without this fragrant, modestly colored flower. It can be had in bloom at almost any time during the year. The flowers grow closely together in conical spikes. Fine in bouquets of more pretentious flowers.

**Bolgiano's Mammoth-flowering.** Unusually large flower-heads. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

**Goliath.** Giant spikes of large, reddish flowers on firm, erect stalks. A delightfully fragrant variety. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 35 cts.; oz. \$1.

**Machet.** A dwarf French variety with heavy spikes of fragrant reddish flowers. One of the very best varieties for either garden or pot-culture. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 30 cts.; oz. 75 cts.

## Moonflowers

### Ipomœa

#### Mexicana grandiflora alba.

One of the most vigorous summer climbers, growing 30 to 40 feet in a season, with large, luxuriant foliage, affording dense shade for porches. Flowers white, large, saucer-shaped and open evenings and on cloudy days. Pkt. 10 cts.; oz. 60 cts.

## Morning-Glory

### Ipomœa

**Brazilian.** (*I. setosa*). Flowers a pleasing shade of pink. Fine bloomer and vigorous. Pkt. 10 cts.; 3 pkts. 25 cts.

**Heavenly Blue.** Immense flowers of clear sky-blue. Pkt. 15 cts.; 3 pkts. 35 cts.

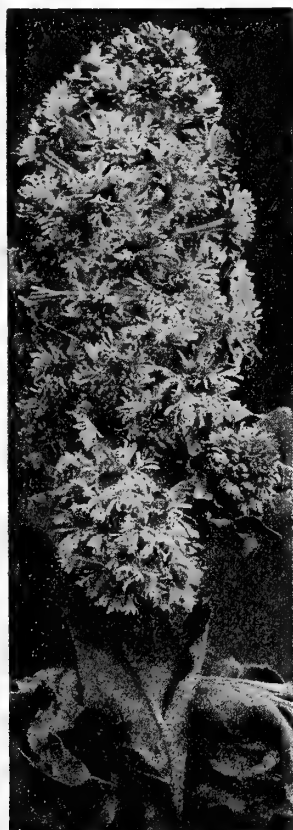
**Japanese.** A handsome, showy, hardy annual climber of easy culture, suitable for covering windows, trellises, old stumps, etc. The flowers open only in the morning. Height 30 to 50 feet. Mixed colors. Pkt. 10 cts.; oz. 25 cts.

## Nigella

### Love-in-a-Mist

**Miss Jekyll.** A compact, free-flowering plant with attractive feathery foliage and dainty blue flowers. The seed-pods are very ornamental and curious. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 40 cts.

**Mixed.** Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.



Mignonette, Machet

## Bolgiano's Giant-flowering Nasturtiums

One of the easiest ways to make the garden glow with a gorgeous profusion of flowers is by planting Nasturtiums. No other annual yields such large returns for so little time and labor. They are suitable for bedding, edging, and cut flowers; there are also climbing varieties.

### DWARF GIANT-FLOWERING

**Beauty.** Yellow, spotted scarlet.

**Bright Rose.**

**Empress of India.** Deep crimson flowers. Dark foliage.

**French Chameleon.** Produces combination of red and yellow flowers on the same plant.

**King of Tom Thumbs.** Deep scarlet flowers. Dark green foliage.

**King Theodore.** Beautiful dark maroon flowers. Dark green foliage.

**Luteum.** Pale yellow flowers.

**Pearl Amber.** White flowers.

Any of above, pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.50

**Mixed.** Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.25.

**Dwarf Variegated-leaved, Mixed.** Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.50.

### TALL GIANT-FLOWERING or CLIMBING

**Butterfly.** Yellow, spotted salmon.

**Edward Otto.** Brownish lilac.

**Jupiter.** Pure orange.

**Moonlight.** Creamy white.

**Scarlet.** Rosy scarlet.

**Schultzi.** Dark scarlet.

**Spitfire.** Brilliant red.

**Sunlight.** Rich yellow.

**Vesuvius.** Deep apricot.

Any of above, pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.50

**Mixed.** Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.25.

**Tall Variegated-leaved, Mixed.** Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.50.

## Nemophila (Baby Eyes)

A splendid annual for garden decoration with bright salver-shaped flowers produced in great profusion. Excellent for beds, borders, and cut flowers. **Mixed.** Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.

## Nicotiana (Sweet-scented Tobacco)

**Affinis.** Large, white, sweet-scented flowers, opening morning and evening. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 25 cts.; oz. 75 cts.

**Sanderæ Hybrids.** A beautiful bushy plant growing 2 feet high. It is laden with pink blossoms from early summer until late fall. The flowers remain open all day. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 40 cts.



## Pansies

Everyone loves Pansies and no flower responds more quickly to careful attention. It should be the desire of every gardener to grow large Pansies with long, strong stems in a wide range of colors. For best results, Pansies should be sown in July or August for early spring bloom and in the spring for autumn bloom.

In germinating seed, allow plenty of ventilation. Keep the beds moist, but not soaking wet, until plants come up. Never allow them to become dry, for that is absolutely fatal.

### • Giant Pansy Mixtures

**Steele's Mastodon Special Greenhouse Strain.** This type is noted for its beautiful colorings, unusual size and substance, large, curled, wavy petals, and long stems. Pkt. 50 cts.; 3 pkts. \$1; 1/4 oz. \$3.

**Non Plus Ultra.** One of the richest mixtures ever sent out, containing the Blotched and Masterpiece varieties in greatest proportion. Very effective. Pkt. 20 cts.; 3 pkts. 50 cts.; 1/4 oz. \$1.

**Triumph of the Giants.** The imposing five-spotted flowers which surmount the foliage on long, vigorous stalks in the most graceful manner, are of enormous size, perfectly round, and of unusual substance. The beauty, brilliancy, and richness of color are most striking. Very rare and new tones of red and brown are met with in these flowers. Pkt. 25 cts.; 5 pkts. \$1; 1/4 oz. \$2.

**English, Mixed.** The old Faced Pansy of compact habit. Pkt. 10 cts.; 1/4 oz. 60 cts.; oz. \$2.

**Bolgiano's Rainbow Mixture.** A well-balanced assortment of colors will be found in this mixture. The flowers, while not as large as those produced from the Giant varieties, are of good size and produced in abundance. Pkt. 10 cts.; 1/4 oz. \$1; oz. \$3.50.

### Separate Colors

**Giant Adonis.** Light blue with white center.

**Giant Bridesmaid.** White and rose, beautifully blotched.

**Giant Cardinal.** Brilliant dark scarlet with darker eye.

**Giant Emperor William.** Cornflower blue, dark eye.

**Giant Golden Queen.** Pure yellow.

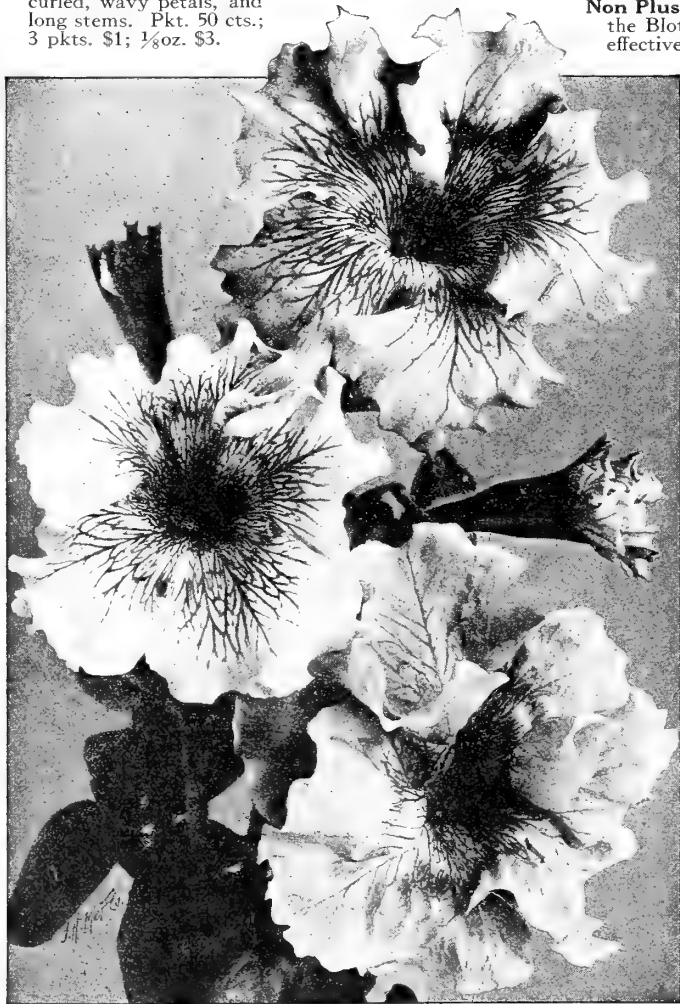
**Giant Lord Beaconsfield.** Deep purple, upper petals white.

**Giant Snowflake.** Pure white.

**Giant Yellow.** Large; black eye.

Any of above, pkt. 15 cts.; 1/4 oz. \$1; oz. \$3.50

Collection: One pkt. each of above 8 colors, \$1



Single Ruffled Giant Petunias

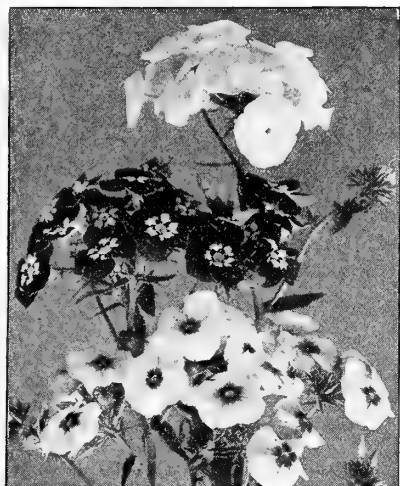
## Petunias

Sow seed lightly and gently press into the soil. Transplant when large enough, being careful to save even the smallest seedlings for oftentimes the smallest, frailest seedlings produce the finest blooms. Petunias delight in a sunny position.

**Single Ruffled Giant.** A ruffled single Petunia of exceptionally beautiful form and colors, extraordinary size and substance. Our strain is a well blended mixture of all colors including pink, and those varieties with richly colored throats and veinings. All are beautifully fringed and ruffled. Pkt. 25 cts.

**Fringed Double Giants.** A mixture of the best large-flowering, fringed, double Petunias. Some are 5 inches across, fluted, frilled, and ruffled in bewildering beauty. Pkt. 50 cts.

Bedding Petunias on page 43



Phlox Drummondii



Single Annual Poppies



Double Annual Poppies

### Single Bedding Petunias

- Balcony Blue.** A splendid free-flowering type, either for bedding or window-boxes, vases, hanging-baskets, etc. Rich indigo-blue. Pkt. 25 cts.  
**Balcony Red.** Bright red. Pkt. 25 cts.  
**Balcony Rose.** Brilliant rose-pink. Pkt. 25 cts.  
**Howard's Star.** Crimson-maroon with a clearly defined five-pointed star of bluish-white. Pkt. 10 cts.  
**Rosy Morn.** Soft crimson-pink with white throat. Pkt. 10 cts.; 1/4 oz. 50 cts.  
**Snowball.** Pure satin white flowers. Pkt. 10 cts.  
**Mixed Colors.** Pkt. 10 cts.; 1/4 oz. 40 cts.; oz. \$1.50.

### Phlox Drummondii

Sometimes called "Texas Bride." The seed should be sown as early as possible in the spring. Almost any soil is suitable, but best results will be secured on light loamy soil in full sunshine. They grow about 15 inches tall and produce dense heads of brightly colored flowers. See colored illustration on front cover.

### Large-Flowering Tall Varieties

- |              |                |                 |
|--------------|----------------|-----------------|
| <b>White</b> | <b>Rose</b>    | <b>Primrose</b> |
| <b>Flesh</b> | <b>Crimson</b> | <b>Violet</b>   |
- Any of above, pkt. 10 cts.; 6 pkts. 50 cts.; 1/4 oz. 65 cts.  
**Choice Named Varieties, Mixed.** Pkt. 10 cts.; 1/4 oz. 50 cts.

### Dwarf Varieties

The flowers are just as large as the tall varieties but the plants are dwarfer in habit.

- |                   |               |                              |
|-------------------|---------------|------------------------------|
| <b>Shell-Pink</b> | <b>Purple</b> | <b>Crimson, White Center</b> |
| <b>Scarlet</b>    | <b>White</b>  | <b>Dwarf Mixed</b>           |
- Any of above, pkt. 10 cts.; 6 pkts. 50 cts.

**Star of Quedlinburg.** A novel dwarf variety with star-shaped flowers. Mixed colors, pkt. 10 cts.; 1/4 oz. 75 cts.

### Portulaca (Mexican Rose)

The small wild-rose-like flowers of many colors make a dazzling display in bright sunshine. Plants are flat and spreading and they bloom from the first of July until killed by frost.

- Single Mixed.** Pkt. 10 cts.; 1/4 oz. 35 cts.; oz. \$1.25.  
**Double-flowered Mixed.** Pkt. 10 cts.; 1/4 oz. \$1.

### Rhodanthe

A small, daisy-like everlasting prized for winter decoration and for pot culture. Height 9 to 12 inches. Mixed colors. Pkt. 10 cts.; 3 pkts. 25 cts.

### Scarlet Runner Vine

This ornamental, rapid-growing annual reaches a height of 15 feet. It produces showy sprays of scarlet pea-shaped blossoms which are succeeded by delicious, edible beans. Oz. 10 cts.

## Poppies

Poppy seed is so small that it needs scarcely any covering. Sow thinly and where plants are intended to grow (they will not stand transplanting) and thin out to 3 to 4 inches apart. Pick off the old blooms to prolong the flowering period. Successive sowings made during the season will insure a continuation of bloom.

### Double Annual Varieties

- American Flag.** Beautiful, very large, double, snow-white flowers, bordered with scarlet. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 75 cts.  
**Carnation-flowered Mixed.** Very fine mixture that produces large, double, fringed flowers. Pkt. 10 cts.; 1/4 oz. 25 cts.  
**Mikado.** Brilliant scarlet and white blooms with curved petals like a chrysanthemum. Pkt. 10 cts.; 1/4 oz. 25 cts.  
**Peony-flowered Mixture.** Immense, showy, double flowers, very similar to peonies. Pkt. 10 cts.; oz. 50 cts.  
**Shrimp-Pink.** A gorgeous, peony-flowered, double shrimp-pink Poppy of delicate tint. Pkt. 10 cts.; 1/4 oz. 25 cts.

### Single Annual Varieties

- American Legion.** A brilliant orange-scarlet, single Poppy of immense size, borne on long, stout stem. Pkt. 10 cts.; 1/4 oz. 40c.  
**Bolgiano's Choice Shirley Mixture.** This strain is especially grown for us and the colors are carefully blended, ranging through apple-blossom, deep pink, old-rose, crimson, terracotta, white and deepest red. Pkt. 10 cts.; oz. 50 cts.  
**Caucasian (Papaver Rhæas umbrosum).** Dark crimson with a black blotch on lower part of each petal. Height 1 1/2 feet. Pkt. 10 cts.; 1/4 oz. 25 cts.  
**English Scarlet (Flanders).** The common scarlet Field Poppy of Europe. Pkt. 10 cts.; 1/4 oz. 25 cts.



Border of Portulacas

**Salpiglossis (Painted Tongue)**

An exceedingly attractive half-hardy annual, with large, veined, funnel-shaped flowers which are highly ornamental in beds and borders and much prized for cutting. A bed of these beautiful plants is one of the most striking features of the garden during July and August.

**Brown and Gold**  
**Crimson and Gold**  
**Light Blue and Gold**

**Purple and Gold**  
**Rose and Gold**  
**Scarlet and Gold**

Any of above, pkt. 10 cts.; 6 pkts. 50 cts.

**Mixed.** All colors. Pkt. 10 cts.; 1/4 oz. 60 cts.

**Salvia**

**Dwarf Bonfire.** One of the finest Scarlet Sages. It is about 2 feet high and its brilliant red spikes are borne above the dark green foliage, completely covering the plant. Attracts immediate attention. Pkt. 10 cts.; 1/2 oz. 70c.

**Splendens.** Scarlet Sage. One of the most brilliant garden flowers, and extremely useful for bedding, hedging, or borders. It is a blaze of flaming scarlet, each plant bearing many long spikes. Pkt. 10 cts.; 1/4 oz. 60 cts.

**Scabiosa (Mourning Bride)**

These are great favorites with gardeners and are splendidly adapted for beds, borders, and cutting. The flowers are full, fluffy, exquisitely colored, and are borne on long, graceful stems. When cut they keep for almost a week. See colored illustration on third cover.

**Azure Fairy.** Lavender.

**King of the Blacks.** Black-purple.

**Crimson**  
**Flesh-Pink**

**White**  
**Yellow**

Any of above, pkt. 10 cts.; 1/4 oz. 40 cts.

Collection: One pkt. each of above 6 colors, 50 cts.

**Finest Mixed.** Pkt. 10 cts.; 1/4 oz. 30 cts.; oz. \$1.

**Schizanthus (Butterfly Flower)**

**Mixed.** Delicate, branchy plants which bear a profusion of pretty butterfly-like flowers of various colors. Desirable for winter blooming in pots and bouquets. Pkt. 10 cts.; 6 pkts. 50 cts.

**GARDEN GUIDE.** Tells how to plan, plant and maintain the home grounds, the suburban garden, the city lot; how to grow good vegetables and fruit; how to care for roses and other favorite flowers, hardy plants, trees, shrubs, lawns, porch plants and window-boxes. Chapters on garden furniture and accessories, with useful rules and receipts, selected lists of plants, etc. Handsome four-color cover. 384 pages. 15 planting plans. 275 teaching illustrations. Price: Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.65 postpaid).



Salpiglossis (Painted Tongue)

**Bolgiano Stocks****Giant Perfection**

One of the finest flowers for bedding and cutting, blooming profusely over a long season. The flowers are deliciously fragrant. The particular strain we offer will produce plants 2 feet high of strong, bushy growth, with immense spikes of flowers. About 90 per cent of the plants produce double flowers. The greatest of care has been exercised to obtain only the best quality. Sow the seed in boxes early in spring and transplant when danger of frost is over. Feed heavily with liquid manure if best flowers are wanted.

**Blood-Red**  
**Crimson**  
**Flesh-Pink**  
**Light Blue**

**Pure Rose**  
**Pure Yellow**  
**Purple**  
**Snow-White**

Any of above, pkt. 20 cts.; 8 pkts. \$1.25

**Mixed.** Pkt. 20 cts.; 6 pkts. \$1.

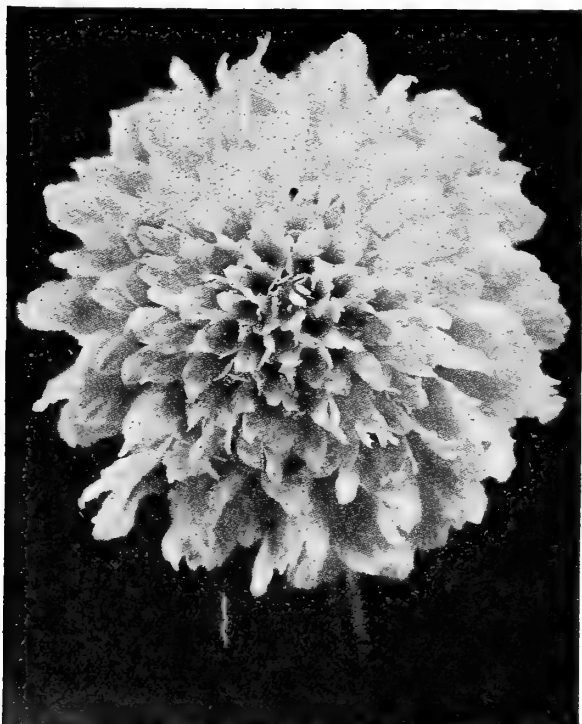
**Sunflower (Helianthus)**

These old-fashioned, stately plants are especially valuable for backgrounds. They grow tall, make a dense growth, and are often used for a screen to hide unsightly places.

**Double Chrysanthemum-flowered.** Plants grow 7 feet tall and produce large, double flowers from 7 to 11 inches in diameter. These flowers are a rich golden yellow with fringed petals and closely resemble the chrysanthemum. Pkt. 10 cts.; oz. 40 cts.

**Giant Russian.** Monster flowers. Oz. 10 cts.; 1/4 lb. 25 cts.; lb. 70 cts. Red. The red flowers are tipped with yellow, and vary in size. Height 4 to 8 feet. Pkt. 10 cts.; oz. 50 cts.

**Stella.** Miniature Sunflower. Plants grow 3 feet high with many spreading branches. Their large, single, golden yellow flowers, with black centers, are excellent for cutting. Pkt. 10 cts., oz. 50 cts.



Scabiosa (Mourning Bride)



## Bolgiano's Giant-flowering Spencer Sweet Peas

**CULTURE**—Early planting is necessary to raise the best Sweet Peas, as it gives the plants opportunity to develop deep root systems to sustain them during the hot days. As soon as the frost is out of the ground in the spring and the soil is in a workable condition, sow the seed in drills 2 to 3 inches deep and 1 inch apart. Thin out the plants so they will stand 4 to 6 inches apart. Some enthusiasts dig trenches 2 feet wide by 2 feet deep and fill in with rich soil heavily fertilized with rotten manure and leaf-mold. Water, lime, and steady cultivation are essential. When the young plants produce tendrils, support them with chicken wire, sticks, or string. Sweet Peas are heavy feeders—liquid manure applied once a week will be beneficial. Keep the seed-pods picked off in order to lengthen the season of bloom and produce large, fine flowers. Sweet Peas may also be sown in the autumn, covering the bed with a heavy mulch over winter removing it very early, before the frost is entirely out of the ground.

**Avalanche.** Glistening white of great substance.  
**Charity.** Deep rich crimson.  
**Chieftain.** Pure satiny mauve.  
**Constance Hinton.** Mammoth white.  
**Daffodil.** The best yellow yet introduced.  
**Del Monte.** Salmon-cerise-pink.  
**Elegance.** Silvery blush, suffused pink.  
**Fortune.** Rich dark blue.  
**Gold Crest.** Orange, tinted salmon.  
**Hawmark Lavender.** Splendid large lavender.  
**Mary Pickford.** Dainty cream-pink, suffused salmon.  
**Mermaid.** Rich, true lavender.  
**Royal Purple.** Large flowers of beautiful form.  
**Royal Salute.** Deep scarlet-cerise.  
**Sunset.** Bright rose, amber ground.  
**Tangerine Improved.** Glowing orange.  
**Warrior.** Deep maroon; very large.  
**Wedgwood.** A lovely self-blue.

Any of above, pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25; lb. \$4

## Bolgiano's Superb Mixture Giant-flowering Spencer Sweet Peas

This mixture contains the choicest named varieties blended in the proper proportions to insure a well-balanced color effect. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 65 cts.; ½lb. \$1.25; lb. \$2.

## Early-flowering Spencer Sweet Peas

These are especially suited for growing in greenhouses by florists, but may also be planted outside with good results. They bloom much earlier than the usual outdoor varieties, and if the old flowers are kept picked, will continue to bloom for several months. The following varieties are among the best in their respective shades.

**Bluebird.** A pure blue. Pkt. 25 cts.; oz. 80 cts.  
**Burpee's Orange.** Clear orange. Pkt. 25 cts.; oz. \$1.  
**Columbia.** Rose-pink and white. Pkt. 25 cts.; oz. 75 cts.  
**Eldorado.** Orange-salmon. Pkt. 25 cts.; oz. \$1.50.  
**Glitters.** Bright orange-scarlet. Pkt. 25 cts.; oz. 75 cts.  
**Grenadier.** Dazzling scarlet. Pkt. 25 cts.; oz. \$1.  
**Harmony.** Clear bright lavender. Pkt. 25 cts.; oz. 80 cts.  
**Jeannie Mamitsch.** Giant rose-pink. Pkt. 25 cts.; oz. \$1.

## Thunbergia (Black-eyed Susan)

Beautiful, rapid-growing annual climbers, used extensively for hanging-baskets, vases, low fences, etc. The very pretty flowers are buff, white, orange, etc., with dark eyes. Prefers a warm, sunny situation. Pkt. 10 cts.; ¼oz. 40 cts.

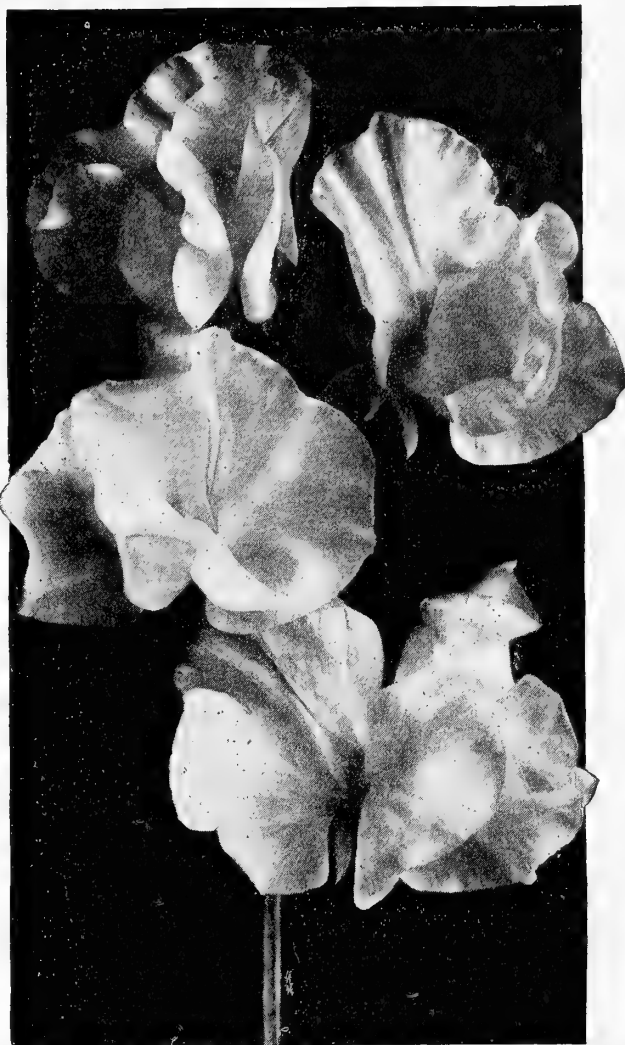
## Mammoth-flowering Verbenas

A magnificent strain of free-blooming Verbenas of robust compact habit. The flower-heads are immense, the individual florets measuring an inch in diameter.

**Blue.** White eye.  
**Lucifer.** Vivid scarlet self.  
**Luminosa.** Flame-pink shading to salmon.  
**Pure White.**  
**Rose-Pink.** With large white eyes.

Any of above, pkt. 10 cts.; ¼oz. 60 cts.; oz. \$2

**HYBRIDA GRANDIFLORA, ROYALE.** A splendid new variety described in Novelty Section, page 3.



Bolgiano's Giant-flowering Spencer Sweet Peas

**Miss Louise Gude.** Shell-pink. Pkt. 25 cts.; oz. \$1.  
**Mrs. Kerr.** Salmon, orange suffusion. Pkt. 25 cts.; oz. \$1.  
**Orange King.** Rich, deep orange. Pkt. 25 cts.; oz. \$1.50.  
**Rose Queen.** Rich rosy shell-pink. Pkt. 25 cts.; oz. \$1.  
**Snowstorm Improved.** Best white. Pkt. 25 cts.; oz. 80 cts.  
**Yarrowa.** Rose-pink on cream. Pkt. 20 cts.; oz. 75 cts.  
**Zvolanek's Rose.** Deep rose. Pkt. 20 cts.; oz. 75 cts.  
**Early Flowering Mixed.** Pkt. 20 cts.; oz. 75 cts.

## Vinca

### Madagascar Periwinkle; Old Maid

An attractive annual with bright green, shiny foliage, and single five-petaled, star-shaped, rose-colored flowers. The plants grow about 15 inches tall, branch freely and are covered with blooms all during the summer and fall.

**Alba.** Pure white. Pkt. 10 cts.; ¼oz. 50 cts.  
**Delicata.** Soft pink. Pkt. 10 cts.; ¼oz. 50 cts.  
**White, with Crimson Eye.** Pkt. 10 cts.; ¼oz. 50 cts.  
**Mixed.** Pkt. 10 cts.; ¼oz. 40 cts.

## Xeranthemum Annuum

### Everlasting or Immortelle

One of the most satisfactory everlastings. Flowers bright rose, purple, and white. Very showy in the garden and useful for winter bouquets. Pkt. 10 cts.; 3 pkts. 25 cts.



California Giant  
Mammoth Zinnia

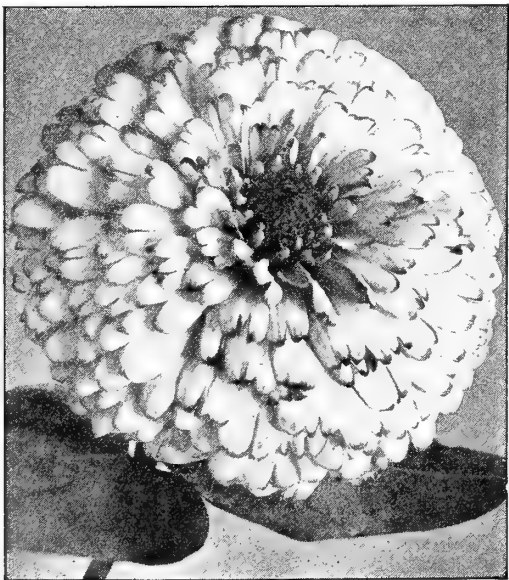
## Zinnias

One of the most popular annuals for beds, mixed borders, and cutting purposes. Blooms constantly from July until frost and does well in almost any soil. To secure the largest flowers and a profusion of bloom, the plants must be given plenty of room for full development and an abundance of fertilizer.

### California Giants or Giant Mammoth

These have smaller centers and more loosely placed petals than the old Giant type, and the flowers are much larger. The petals are decidedly imbricated and the flower from bud to bloom assumes a continuous succession of graceful forms.

**Lemon Queen** Soft pink. **Orange King** Purity. **Rose Queen** Scarlet Gem.  
Miss Willmott. Soft pink. Purity. Scarlet Gem.  
Any of above, pkt. 15 cts.; 6 pkts. 75 cts.; 1/4 oz. 60 cts.; oz. \$2  
Collection: 1/4 oz. each of above 6 colors \$3  
Finest Mixed. Pkt. 15 cts.; 1/4 oz. 50 cts.; oz. \$1.50.



Picotee Zinnia



Giant Dahlia-flowered Zinnia

### Giant Dahlia-flowered Varieties

Now recognized the world over as the largest and most beautiful Zinnia. A good forcer and money-maker for florists. The plants are sturdy and the flowers, often 6 inches in diameter and 4 inches in depth, closely resemble the Show dahlia.

**Attraction.** Brick-red. **Lemon Beauty.** Soft yellow.  
**Canary Bird.** Delicate primrose. **Old Rose.**  
**Crimson Monarch.** Largest red. **Polar Bear.** Large; pure white.  
**Dream.** Deep lavender. **Scarlet Flame.** Very vivid.  
**Exquisite.** Light rose. **Golden State.** Orange-yellow.  
**Oriole.** Orange and gold.  
**Purple Prince.** Deep purple.

Any of above, pkt. 20 cts.; 6 pkts. \$1; 1/4 oz. \$1.40; oz. \$4.50

Collection: One pkt. each of above 12 varieties, \$1.80

**Gold Medal Mixture.** Pkt. 15 cts.; 1/4 oz. 75 cts.; oz. \$2

### Tall Double-flowering Varieties

Similar in height and form of plant to the California Giants but the flowers are about two-thirds the size. Pkt. 10 cts.; oz. 75 cts.

### Dwarf Double-flowering Varieties

These plants grow 1 1/2 feet tall and have large, double flowers. Splendid for borders or for cutting.

**White** **Rose** **Canary-Yellow** **Dark Scarlet**

Any of above, pkt. 10 cts.; 1/4 oz. 40 cts.; oz. \$1.20

**Mixed.** Pkt. 10 cts.; 1/4 oz. 30 cts.; oz. \$1.

### Picotee

Odd-looking double blooms the petals of which are tipped with a contrasting color to that of the body of the flower. The plants grow 18 inches high, are compact and bloom profusely. Pkt. 25 cts.; 5 pkts. \$1.

### Victory Quilled

Flowers of moderate size, with quilled or twisted petals like those of a Cactus dahlia. Very quaint and graceful. Mixed colors only. Pkt. 25 cts.; 5 pkts. \$1.



## Hardy Perennial and Biennial Flower Seeds

Except that they do not flower the first season, Perennials and Biennials are just as easy to raise as annuals. Not only is it extremely interesting to care for the tiny seedlings and bring them to robust blooming plants, but it is much cheaper than to buy plants and one can have many more and usually finer plants. Perennials are the backbone and mainstay of all gardens and are growing more popular every year. The following list includes the very best varieties for general garden use. July and August are the best months for sowing Perennials, although some of them can be sown indoors early and will bloom the same year. Protect the seedlings somewhat the first winter.

**ACHILLEA (Milfoil; Yarrow) Ptarmica, The Pearl.** One of the best hardy plants for the herbaceous border. It grows about 2 feet high and from June until October is covered with clusters of tiny, pure white, double flowers. Excellent for cutting. Pkt. 15 cts.

**ACONITUM (Monkshood) Napellus.** Grows 3 to 4 feet high and produces long, stately spikes of helmet-shaped blue flowers in autumn. Pkt. 10 cts.

**AGROSTEMMA coronaria.** Rose Campion. An easily cultivated, hardy perennial with silvery foliage and crimson flowers. Will bloom the first season, and if seed is planted at intervals, will furnish cut-flowers all summer. Pkt. 10 cts.

**ALYSSUM saxatile compactum.** An excellent hardy perennial rock or border plant, bearing bright yellow flowers from April to June. Height 9 inches. Pkt. 15 cts.

**ANCHUSA italica, 'Dropmore.'** The stout stems are covered with an abundance of small, rich gentian-blue flowers during May and June. Height 4 feet. Pkt. 15 cts.

### Aquilegia Columbine

These are among the most beautiful and most popular of all hardy plants. They produce graceful, spurred flowers on long stems, and are valuable for cutting, beds, and rockeries.

**Mrs. Scott Elliott's Hybrids.** There is no better mixture grown. These flowers have taken the highest awards at all the European exhibitions. Wonderful colors, with very long-spurred flowers. Pkt. 25 cts.; 5 pkts. \$1.

**Canadensis.** Common American Columbine. The native bright red and yellow variety, and one of the prettiest. Pkt. 25 cts.; 5 pkts. \$1.

**Cerulea.** Blue shades. Pkt. 15c.; 6 pkts. 75 cts.

**Long-spurred Hybrids, Mixed.** Pkt. 15 cts.; 6 pkts. 75 cts.

**Double Mixed.** Pkt. 10 cts.; 6 pkts. 50 cts.

**ARMERIA formosa hybrida.** Thrift; Sea Pink. An excellent edging plant with pretty rose-pink flowers. Pkt. 15 cts.; 6 pkts. 75 cts.

**ARABIS alpina grandiflora superba.** Rock Cress. Grows about 6 inches high and is covered with a sheet of pure white flowers. It is suitable for the tops of old stone walls, crevices, in rocks or as edging plants for bulbs or any of the early-flowering plants. Pkt. 15 cts.

**ASTER.** Michaelmas Daisy. Covered with masses of delicate starry flowers during September and October when most of the hardy flowers have finished blooming. They also make an excellent background for earlier flowering plants. Mixed. Pkt. 10 cts.; 3 pkts. 25 cts.

**BAPTISIA australis.** Blue Wild Indigo. Bushy, dark green plants, 4 feet high, with clusters of pea-shaped blue flowers almost an inch long in midsummer. Pkt. 10 cts.; 3 pkts. 25 cts.

**BELLIS perennis, Improved Giant Double.** English Daisy. The flat, very double flowers rise on slender stems above a rosette of foliage. Fine for edging or massing. Red, Rose, White, and Finest Mixed. Pkt. 25 cts.; 3 pkts. 60 cts.

**BOCCONIA cordata.** Pink Plume Poppy. Herbaceous perennial growing 5 to 8 feet high, with large, heart-shaped leaves and beautiful pinkish flower plumes. Pkt. 10 cts.; 3 pkts. 25 cts.

### Campanula

**Medium.** Canterbury Bells. A very beautiful, old-fashioned, stately, biennial, bearing bell-shaped flowers in great profusion. **Single Mixed.** Pkt. 10 cts.; 3 pkts. 25 cts. **Double Mixed.** Pkt. 10 cts.; 3 pkts. 25 cts.

**Calycanthem.** Cup-and-Saucer Canterbury Bells. The finest type of the old-fashioned Bellflower. It differs from ordinary Canterbury Bells in having an enlarged saucer at the base of the cup. Pkt. 10 cts.; 3 pkts. 25 cts.

**Persicifolia.** Blue Peach-leaf Bellflower. A very graceful plant with erect stems 2 to 3 feet high, bearing large, blue, bell-shaped flowers. Pkt. 15 cts.; 4 pkts. 50 cts.

**Pyramidalis.** Chimney Bellflower. A beautiful perennial growing 4 to 5 feet high and bearing enormous quantities of blue, salver-shaped flowers. The finest of the Campanulas. Pkt. 15c.; 4 pkts. 50 cts.



Aquilegia



Wrexham Hollyhock  
Delphinium

a color comparatively rare in cultivated plants. Keep faded flower-stalks cut down and plants will bloom a second time during the season: There is great interest in Delphiniums at present.

**Wrexham Hollyhock Strain, Mixed.** This strain is as near perfection as the most painstaking care of the world's greatest specialists can produce. Plants of strong, vigorous habit, with immense spikes of flowers of the largest size in every tone from the palest lavender to the richest Oxford-blue, as well as a number of unusual pastel shades. The demand for the very best in hybrid Delphiniums is fully met in this marvelous strain. Pkt. 50 cts.; 3 pkts. \$1.25.

**Belladonna.** Large perfect spikes of clear turquoise-blue flowers. The loveliest sort for cutting. Pkt. 25 cts.; 5 pkts. \$1.

**Bellamosum.** Rich deep blue flowers. Pkt. 20 cts.; 3 pkts. 50 cts.

**Gold Medal Hybrids.** A very fine strain of choice colors. Pkt. 25 cts.; 5 pkts. \$1.

**DIANTHUS plumarius.** Pheasant's-Eye Pink; Hardy Garden Pink. A beautiful, hardy fragrant Pink with double, fringed flowers. All colors, pkt. 10 cts.; ¼ oz. 40 cts.

**Plumarius semperflorens.** Everblooming. Extremely beautiful, everbearing, sweet-scented, double flowers with various colorings and markings. Pkt. 25 cts.



Gaillardia grandiflora

**CANDYTUFT** (*Iberis sempervirens*). Very dwarf plants covered with a sheet of white flowers in early spring. Fine for rockery. Height 8 to 10 inches. Pkt. 15 cts.; 4 pkts. 50 cts.

**CENTAUREA montana.** One of the very useful perennials which withstands much abuse and is always dependable. It has large violet-blue flowers, resembling the cornflower. Blooms from July to September. Height 2 feet. Pkt. 10c.; 3 pkts. 25c.

**CHRYSANTHEMUM leucanthemum.** Shasta Daisy. A large, single, white, hardy Daisy. It has long been considered one of the finest perennials for permanent garden decoration. Height 2 to 2½ feet. Pkt. 20c.; 3 pkts. 50 cts.

**COREOPSIS lanceolata grandiflora.** Harvest Moon. Makes spreading bushes 2 to 3 feet high, producing long-stemmed, large, single yellow flowers throughout the summer that are lovely for cutting. Pkt. 10 cts.; 3 pkts. 25 cts.

## Delphinium

### Hardy Larkspur

Dignified plants 5 to 8 feet tall, producing beautiful flowers on spikes over 2 feet long. Especially valuable for splendid blues—



Shasta Daisies

## Digitalis (Foxglove)

**Purpurea gloxiniflora.** A stately, hardy biennial of easy culture, often used as a background. It produces tall spikes of spotted, bell-shaped flowers and is a great favorite for old-fashioned gardens. **White, Rose, or Purple,** pkt. 10 cts.; ¼ oz. 40 cts. **Finest Mixed,** pkt. 10 cts.; ¼ oz. 30 cts.

**Giant Shirley.** A genuine "Shirley" production of extraordinary size and vigor, growing 5 to 6 feet tall. The flower-heads are over 3 feet long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted with crimson or chocolate. Pkt. 25 cts.; 5 pkts. \$1.

**ECHINOPS ritro.** Globe Thistle. A thistle-like perennial plant 5 to 6 feet high with steel-blue heads, coming into color in July and August. It forms an excellent background for more brilliantly colored flowers. The heads can be cut for dried winter bouquets. Pkt. 10 cts.

**GAILLARDIA grandiflora.** Mexican Blanket Flower. An easily grown and very satisfactory flower for mixed borders and cutting. These daisy-like blooms are large, beautifully colored brilliant golden yellow, crimson, orange, amaranth and claret. They bloom throughout the entire season. **Choice Mixed.** Pkt. 10 cts.; 3 pkts. 25 cts.

**Portola Hybrids.** Greatly improved new sorts, described among Novelties on page 3.

### GERBERA Jamesoni Hybrids.

Transvaal Daisy. Delicate, long-rayed, daisy-like flowers of wonderful shades of pink, yellow, apricot, and salmon, borne on slender, wiry stems ideal for cutting. The plants are only half hardy and in cold climates must be wintered in cold-frames. Pkt. 25 cts.; 5 pkts. \$1.

**GYPSOPHILA paniculata.** This is a perennial white Baby's Breath. It blooms the first year from seed if planted early. Pkt. 10 cts.; 3 pkts. 25 cts.

**HEUCHERA sanguinea.** Coral Bell. Plants 2 feet high, producing long sprays of small, coral-red, dainty, bell-shaped flowers. It is desirable for the hardy border or rockery, where, it blooms in early summer. Coral Bells are useful as florists' cut-flowers. Pkt. 15 cts.; 4 pkts. 50 cts.

**HIBISCUS, Mallow Marvel.** New Giant Flowering Marshmallow. Flowers of enormous size, frequently 10 to 12 inches in diameter, of white, rose, and red. Perfectly hardy and very floriferous, blooming from early in July until late in September. Plants are 3 to 5 feet high and almost shrub-like in habit. Very fine for showy clumps or backgrounds. **Mixed,** pkt. 25 cts.



Digitalis





*Lupinus polyphyllus*

## Hollyhocks

These charming, old-fashioned plants are so well known that they need no description. They are very desirable for hedges and backgrounds on account of their columns of beautifully colored flowers and stately appearance. Sow seed in July and August for bloom the following year.

### Chater's Superb Double Varieties

White  
Rose

Newport Pink  
Crimson

Yellow  
Maroon

Any of above, pkt. 15 cts., 1/4 oz. \$1. Collection: One pkt. each of above 6 colors, 75 cts. Mixed. Pkt. 10 cts.; 1/4 oz. 60 cts.

### Single Varieties

Many garden-lovers consider the Single Hollyhocks more beautiful than the double sorts. They produce large, graceful flowers and are very vigorous. Mixed colors. Pkt. 15 cts.; 4 pkts. 50 cts.

**LATHYRUS latifolius.** Hardy Everlasting Pea. These climb 6 or 8 feet when trained on a trellis. The flowers are borne in large clusters and resemble the sweet pea. They are particularly adapted to rough places, where they may scramble over rocks or bushes. Splendid for cut-flowers. **Mixed.** Pkt. 10 cts.; 3 pkts. 25c.

**LINARIA cymbalaria.** Kenilworth Ivy; Mother of Thousands. A charming, hardy trailing plant for rockwork and wall gardens; flowers lavender and purple. Pkt. 15 cts.

**LOBELIA cardinalis.** Cardinal Flower. A hardy perennial plant growing 3 feet tall. It thrives best in a moist, slightly shaded position. The flowers are a rich dazzling crimson and the foliage a bright green. Pkt. 20 cts.

**LUPINUS polyphyllus.** Vigorous plants 3 feet tall producing graceful spikes of flowers. Very showy and marvelous when well grown. **White, Rose, Blue, or Mixed.** Pkt. 10 cts.

**LYCHNIS haageana.** A beautiful plant about 1 foot high producing clusters of large scarlet flowers. Pkt. 10 cts.

**LYTHRUM roseum superbum.** Rose Loosestrife. Strong, erect plant with willow-like leaves and beautiful rose-colored blooms from July to September. Height 4 feet. Pkt. 10 cts.

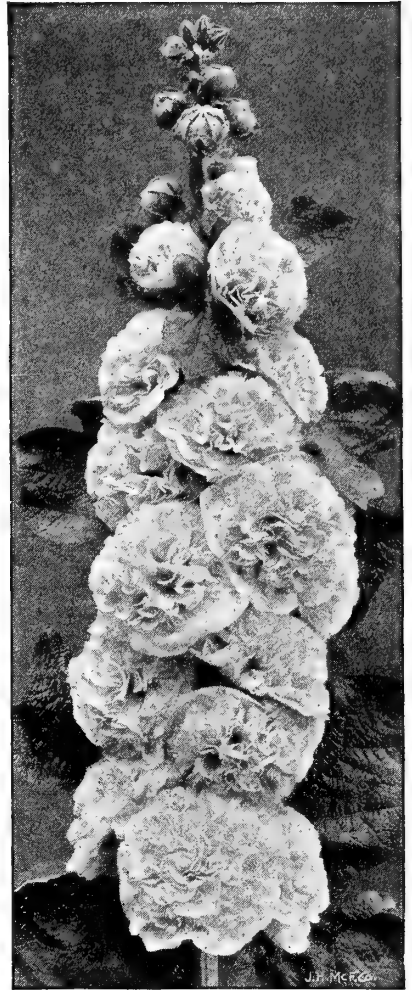
**MATRICARIA capensis alba.** Double White Feverfew. A handsome plant producing multitudes of small double pure white flowers in dense clusters all season. Excellent for cutting. Pkt. 10c.

**MYOSOTIS.** Forget-me-not. These charming blue flowers are very effective for mass planting and as ground-covers for spring-flowering bulbs. They are easily grown and combine most attractively with other flowers.

**Alpestris.** Rich indigo-blue. Pkt. 10 cts.; 1/4 oz. 50 cts.

**Palustris semperflorens.** An ever-blooming variety with large sprays of clear blue, delicate flowers. Bloom from May till frost. Pkt. 20 cts.; 1/4 oz. 50 cts.

**PHLOX, HARDY, Decussata.** Perennial Phlox. Large plants bearing immense heads of flowers. Height 2 to 3 feet. **Finest Mixed,** pkt. 15 cts.



Chater's Superb Double Hollyhock

**PENTSTEMON gloxinoides, Sensation.** Beard Tongue. Most satisfactory for the hardy border or bedding. The plant grows about 2 feet high, with each branch bearing a spike of large, gloxinia-like flowers in various shades of pink, red, and purple. Pkt. 20 cts.

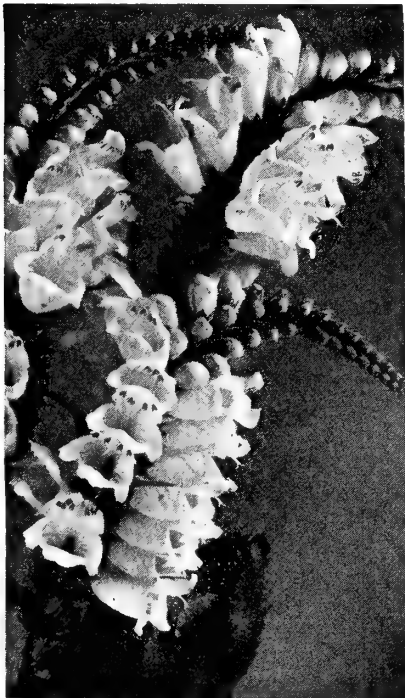
**PHYSALIS francheti.** Chinese Lantern Plant. Used by florists and decorators in winter bouquets. It should be given an early start indoors in order to mature its gorgeous orange-scarlet lanterns, or seed-vessels before frost. Height 2 feet. Pkt. 25 cts.

**PHYSOSTEGIA virginiana.** False Dragonhead. One of the most beautiful plants for the hardy border. The plant grows 4 feet high and produces long spikes of delicate pink flowers from July to frost. Pkt. 10 cts.

**POPPY, Iceland.** Flowers the first year from seed, blooming almost as quickly as the annual sorts. The white, sulphur, yellow, and orange flowers, held above a tuft of glaucous foliage, are unusually beautiful and attractive. Pkt. 10 cts.

**Oriental.** Large, single, scarlet flowers, blotched with black at the base of each petal. Height 2 1/2 to 3 feet. Pkt. 10 cts.

**Oriental Hybrids.** A mixture of beautiful named varieties in many shades. Pkt. 10 cts.



*Physostegia virginiana*

**PRIMULA (Hardy Primrose) japonica.** Japanese Primrose. A hardy Primrose which bears its showy flowers in umbels or clusters arranged one above another on erect stems 6 to 9 inches long. Beautifully colored—varying from rich dark crimson through rose and pink to white. Pkt. 25 cts.

**Elatior.** Oxlip Primrose. Showy flowers in early spring, for pot or outdoor culture. Height 9 inches. **Mixed colors,** pkt. 25 cts.

**PYRETHRUM roseum hybridum.** Painted Lady. Grows 2 to 3 feet high and produces quantities of beautiful, rose-colored, daisy-like flowers with yellow centers during May and June and sometimes again in the fall. After the spring blooming season, cut down the foliage to the basal leaves and feed with bone-meal to insure larger and more prolific blooms in the fall. **Double or Single Mixed.** Pkt. 25 cts.; 5 pkts. \$1.

**RUDBECKIA laciniata.** Coneflower; Golden Glow. Very popular plant attaining a height of 5 to 6 feet and producing masses of golden yellow, cactus-dahlia-like flowers from July until September. Pkt. 15 cts.

**Newmani.** A hardy plant producing an abundance of orange-yellow flowers with large, black, cone-shaped centers. The flowers are borne on long stems and keep well in water, making them valuable for cutting. Pkt. 15 cts.

**Purplea.** Giant Purple Coneflower. The most beautiful hardy perennial Coneflower. It produces, all summer, large reddish purple flowers about 4 inches in diameter. Pkt. 15 cts.

**SCABIOSA caucasica, Hardy.** Blue Bonnet. A most desirable perennial plant growing about 3 feet high. Its artistic, soft, lavender-blue flowers are excellent for cutting. Pkt. 15 cts.

**STATICE sinuata.** Notch-leaf Sea Lavender. Grows 2 feet tall and produces sprays of showy, funnel-shaped flowers. It thrives in almost any soil, but requires full sunlight. The flowers retain their beautiful clear colors when dried. **Mixed,** pkt. 10 cts.

**STOKESIA cyanea.** Cornflower Aster. An indispensable plant for the hardy border, growing 2 feet high. It likes a sunny, open location and produces its wealth of bloom from July to October, when other flowers are scarce. The flowers resemble the cornflower and are delicate blue. Splendid for cutting. Pkt. 10 cts.;  $\frac{1}{8}$  oz. 60 cts.

**SWEET WILLIAM (Dianthus barbatus).** An old favorite hardy garden plant of easy culture, thriving in any good garden soil and lasting for years. Our strains produce large heads of fragrant flowers in a great variety of beautiful colors. The plants form large clumps and grow about 1 foot high.

**Single Mixed.** Pkt. 10 cts.;  $\frac{1}{8}$  oz. 25 cts.

**Double Mixed.** Pkt. 10 cts.;  $\frac{1}{8}$  oz. 75 cts.

**Newport Pink.** Pkt. 15 cts.; 4 pkts. 50c.

**VERONICA spicata.** Spike Speedwell. A hardy garden plant about  $1\frac{1}{2}$  feet high, with long spikes of bright blue flowers in June and July. Pkt. 10 cts.

**VIOLA papilio.** Tufted Pansy; Horned Violet. One of the best edging plants available—a mass of lavender-violet flowers from May to October. The blooms are somewhat smaller than pansies but where color effect and a long season of flowering is desired, it is far superior. Keep the faded flowers cut off to have a greater number of blooms. Pkt. 10 cts.

**WALLFLOWER.** An old-fashioned garden flower which blooms very early. The large, fragrant spikes are very conspicuous in beds and borders and are very useful in making bouquets. **Finest Single Mixed,** pkt. 15 cts. **Double Mixed,** pkt. 25 cts.



Double Pyrethrums

## Choice Garden Peonies

Peonies have become one of the most important garden flowers, ranking with the rose and iris in the attention of skilled gardeners. The new varieties are a far cry from the old-time dooryard sorts, displaying marvelous perfection of form and a variety of tints and colorings hitherto undreamed of. No flower is better for spectacular garden display or for making a tremendous show of cut bloom. They may be planted in beds or at the edge of shrubby borders, and are little or no trouble when once established, being perfectly hardy, requiring no winter protection whatever, and if manure is not used near them; they will not suffer from attacks of disease or insects. Plant the roots so that the eyes are about 2 inches beneath the surface; if planted deeper they may fail to bloom.



Festiva Maxima Peonies

**Albert Crousse.** Very light salmon-pink—a most delicate color. Large and compact flowers. Plant tall and late flowering. 75 cts. each; \$7.50 per doz.

**Couronne d'Or.** White with yellow tints arising from a few stamens showing amidst the petals; center petals tipped with carmine. Strong grower and very free bloomer. Late. 75 cts. each; \$7.50 per doz.

**Duchesse de Nemours.** Sulphur-white, green reflex; fine cup-shaped bloom. 75 cts. each; \$7.50 per doz.

**Edulis Superba.** Bright clear pink with silvery reflex. Extra-good cut-flower variety. 50 cts. each; \$5 per doz.

**Felix Crousse.** Very brilliant ruby-red. One of the best and most popular kinds for cutting. \$1 each; \$10 per doz.

**Festiva Maxima.** The finest pure white in existence and extra-good for cutting purposes. 60 cts. each; \$6 per doz.

**Karl Rosenfield.** Very large, globular, bright crimson flowers, brilliant and striking. A strong but compact grower. \$1.50 each; \$15 per doz.

**Livingstone.** Flowers very large, double, soft lilac-rose with silver tips; central petals flaked carmine. An extra-choice late variety. \$1 each; \$10 per doz.

**Mme. Emile Galle.** Delicate shell-pink with touches of heliotrope and lavender. Extra fine. \$1 each; \$10 per doz.

**Mons. Jules Elie.** Glossy pink, shading into deeper rose at the base, overlaid with a sheen of silvery rose; fragrant. \$1 each; \$10 per doz.

**Primevere.** Creamy white, with a center of sulphur-yellow. If cut in the bud and developed away from the sun, the flowers hold a clear yellow color, which is very beautiful. \$3 each.

**Sarah Bernhardt.** Apple-blossom-pink, tipped with silver; flowers of great size and beautiful form. Strong plants with long stems. \$2 each.



Liliun Regale

## HARDY LILIES

Most Lilies seem to thrive best when planted in a situation where the ground can be kept cool and moist by the protection of shrubs and a carpet of lawn-grass cuttings. Planted among shallow-rooting perennials or rhododendrons, they find a congenial situation both as to soil and shelter. The bulbs should be planted from 6 to 8 inches deep with a little sand or sphagnum moss under the base of each bulb. No manure or lime should be allowed near them.

**Auratum.** Gold-banded Japan Lily. Undoubtedly one of the finest Lilies. Its gigantic, fragrant flowers are delicate ivory-white, thickly studded with chocolate-crimson spots and striped through the center with a band of golden yellow. Blooms from July to September. Height 3 to 5 feet. Mammoth bulbs, 40 cts. each; \$4 per doz.

**Henry.** A very showy, tall-growing Lily, with smaller flowers of the same form as the Speciosum varieties, but bright orange-yellow. 75 cts. each; \$7.50 per doz.

**Hansoni.** A most desirable Lily, not demanding any special cultural requirements and extremely handsome. The stem reaches 2 to 3 feet, carrying thick-petaled, waxy blooms 2 inches across, regularly reflexed bright orange, spotted more or less with brown. Flowers in June. 75 cts. each; \$7.50 per doz.

**Regale.** Regal Lily. The flowers are white, slightly suffused with pink on the outside, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy, oppressive odor of most Lilies. Blooms out-of-doors early in July. It is absolutely hardy and the easiest of all Lilies to grow. Seems to be quite at home in any soil or situation which is not too wet or too shady. 75 cts. each; \$7.50 per doz.

**Tigrinum flore-pleno.** Double Tiger Lily. Very lasting, showy, double orange-red flowers with black spots. 25 cts. each; \$2.50 per doz.

**Tigrinum splendens.** Single Tiger Lily. Beautiful, salmon-red flowers with purplish black spots. A strong grower, 3 to 4 feet high, and blooming in August and September. 25 cts. each; \$2.50 per doz.

**Speciosum album.** The white Speciosum, usually grown with *L. magnificum* and *L. auratum*, is very dainty. It blooms outside in the border or among rhododendrons at the same time as *L. magnificum*, and is one of the most extensively cultivated varieties. Mammoth bulbs, 40 cts. each; \$4 per doz.

**Speciosum magnificum.** Frosty white flowers, spotted, clouded, and bordered with deep pinkish crimson. For the border, among hardy plants, or naturalized among rhododendrons, this is an equal favorite with the handsome *L. auratum*. Splendid for pot culture as well. Blooms outside during August. Mammoth bulbs, 40 cts. each; \$4 per doz.

## SELECTED CANNAS Dormant Roots

Magnificent summer bedding plants widely used for gorgeous effects in parks and on large lawns. They may also be used in small clumps scattered through the perennial border where they give life and color at a time when most perennials are rather shabby.

**CULTURE.**—Set the plants 18 inches apart to allow for growth and cultivation. Water *thoroughly* when planted and keep them moist for two to three weeks until they are growing vigorously. After a good soaking rain, the plants will take care of themselves, except during extremely dry weather.

**For Circular Beds.** Plant 1 in the center, 6 in the first circle, 12 in the second circle, then 18, 24, etc., according to the size of the bed, with the circles, and the plants in the circles 18 inches apart. A bed 4 feet in diameter takes 7 Cannas; a 7-foot bed, 19 Cannas; a 10-foot bed, 37 Cannas; a 16-foot bed, 91 Cannas.

**American Beauty.** 5 ft. This is the richest colored Canna we know—velvety oriental carmine or translucent cerise. It is unusually attractive with its large flowers of tropical magnificence. 25 cts. each; \$2.50 per doz.; \$20 per 100.

**Apricot.** 4 ft. Of unusual merit and especially valuable because of its new color. Apricot has healthy, bright green foliage. The flowers are large and a most pleasing mixture of buff and salmon. 15 cts. each; \$1.50 per doz.; \$10 per 100.

**Golden Wedding.** 3 ft. The finest and most brilliant dwarf yellow Canna ever grown. It excels all other yellow varieties in firmness of petals. The flowers are very large and stand well above the foliage. We have used this Canna most effectively for bordering beds of taller-growing brilliant red varieties, such as The President, and Mohawk. 75 cts. each; \$7.50 per doz.

**King Humbert.** 5 ft. Flowers brilliant orange-scarlet. Foliage broad and massive, of rich coppery bronze. 15 cts. each; \$1.50 per doz.; \$10 per 100.

**King Midas.** 5 ft. Very large, beautifully formed, firm flowers of glittering gamboge-yellow that withstand rain and hot sunshine. An outstanding variety, making glorious trusses on stems as straight as an arrow, from late in June until frost. 50 cts. each; \$5 per doz.

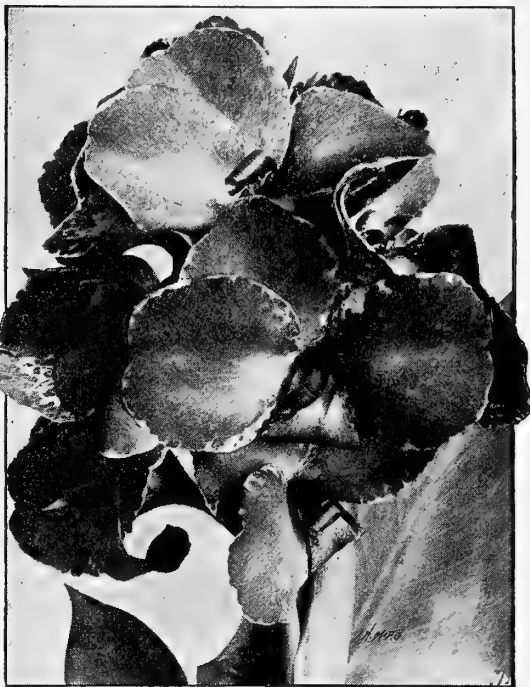
**Laird's Favorite.** 4 ft. There is no more attractive Canna than this in its color class—rich orange-yellow, shaded apricot along the edges of the petals. A large-growing plant and a profuse bloomer. 75 cts. each; \$7.50 per doz.

**Mohawk.** 5 ft. Flowers are large, with long petals that withstand hot sun and rain. Brilliant poppy-red, toned with carmine. Bronze foliage. 50 cts. each; \$5 per doz.

**Mrs. Pierre S. du Pont.** 4 ft. For sheer beauty, we have yet to find the equal of this Canna. It is amazingly lovely, an ever-constant source of delight to all who see it, and is the queen of all Pink Cannas. The plants continue producing new bloom-stalks with their marvelous heads of bloom from June till frost. They are vivid watermelon-pink, and each individual flower is very large but does not wilt in the hot summer sun. \$1.50 each; \$15 per doz.

**Nokomis.** 5 ft. Notable for its lovely, vivid, velvety crimson flowers. A vigorous grower with handsome bronze foliage. 20 cts. each; \$2 per doz.; \$16 per 100.

**Palm Beach.** 3½ to 4 ft. Broad, long-petaled flowers of corn-yellow, with a faint blush of pearly pink. The throat and lower petal are soft, buff-yellow, shaded with apricot, producing a harmony of delicate shades. Really a rival of the daintiest orchids. 50 cts. each; \$5 per doz.



Golden Wedding Canna

**The President.** 5 ft. Rich glowing scarlet and the immense firm, rounded flowers are seven inches across produced on strong, erect stalks, well above the large, bright green foliage. 20 cts. each; \$2 per doz.; \$15 per 100.

**Victory.** 3 ft. The throat of the flower is glowing apricot, which shades to summer sunset tints, finally edging off to maize-yellow. The flowers are medium size but so firm-petaled that the spikes can be cut and used like gladiolus. 20 cts. each; \$2 per doz.; \$16 per 100.

**Vulcan.** 3 ft. Medium-sized flowers of brilliant, glowing, velvety cardinal-red, borne in great heads. The ebony-black stems help the dark effect of this beauty. Splendid for bedding and delightful when massed. 50 cts. each; \$5 per doz.

**Winter's Colossal.** 5 ft. The average flowers more than cover a man's hat. The color is striking, vivid scarlet. 15 cts. each; \$1.50 per doz.; \$10 per 100.

**Yellow King Humbert.** 5 ft. Green foliage, symmetrical plants, golden yellow flowers lightly spotted red. 15 cts. each; \$1.50 per doz., \$10 per 100.

## BOLGIANO'S SELECTED DAHLIAS

The following list of Dahlias is the result of careful selection in the growing fields and represents our choice of the many varieties offered. In this list you will find both cheap and expensive varieties but they all produce flowers that will make your garden a riot of bloom and color.

**CULTURAL DIRECTIONS.** A good average garden soil will produce wonderful flowers. It should be well drained and thoroughly loosened to a depth of 8 to 10 inches. Plant the tubers so that they are about 6 inches below the top of the ground. Either animal or commercial fertilizer may be used but care should be taken not to let it touch the roots. A handful of commercial fertilizer may be mixed with the soil at planting and another handful or two hoed in during the growing season. To obtain exhibition flowers, disbud all but a few of the buds, thus throwing all the strength of the plant into a few flowers. Cultivate continuously throughout the growing season.

### NEW AND CHOICE VARIETIES

We consider the following 16 varieties a very choice selection and worthy of a place in anyone's garden



Amun Ra Dahlia

**AMBASSADOR.** (Cactus.) The finest of all Cactus Dahlias. The splendid soft yellow-buff flowers, shaded salmon-pink are of pleasing form and enormous size. They are held erect, well above the foliage, on the strongest stems ever seen on a Cactus Dahlia. \$1.50 each.

**AMUN RA (The Sun God).** (Decorative.) Won first prize for three successive years on the Pacific Coast. The outer petals are of gorgeous copper and orange tones, shading to gold and amber, deepening in the center to a dark reddish brown. Large blooms on stiff stems. \$1 each.

**GLADYS SHERWOOD.** (Hybrid Cactus.) A giant among pygmies—flowers often 9 inches in diameter, of fine form, and held erect on strong stems. 75 cts. each.

**INSULINDE.** (Decorative.) Rich saffron-yellow, shaded russet-orange, petals twisted and curled. \$1 each.

**JERSEY'S BEACON.** (Decorative.) This fine novelty is Chinese-scarlet, paler on the reverse, giving a two-toned effect. It is a great favorite and a real "beacon of the garden." Large; free bloomer; vigorous grower. \$2.50 each.

**JERSEY'S BEAUTY.** (Decorative.) The finest pink Dahlia in existence. It is a true pink without any markings, and the blooms are of perfect shape, on long straight stems. A very free bloomer and a splendid keeper. Its popularity has increased each year since its introduction. \$1 each.

**KITTY DUNLAP.** (Decorative.) The large exhibition blooms are of American-Beauty-rose shade, and the stems are very long and wiry. A real acquisition and can be recommended for any purpose. \$1 each.

**LEO NIESSEN.** (Decorative.) A brilliant cardinal-red with a glistening sheen. Strong, vigorous, upright grower of branching habit. The perfect red Dahlia. \$3 each.

**MARIPOSA.** (Hybrid Cactus.) One of the gigantic California introductions. A delightful shade of true pink intensified by a deeper center and faint violet suffusion. The long, narrow petals are curled and twisted. Long, stiff stems. \$1 each.

**MISS AMERICA.** (Hybrid Cactus.) Long, wavy, twisted, and curled petals of rich orange-buff, blending to lemon-chrome at the center, the reverse light jasper-red, adding richness and beauty. \$2.50 each.

**MR. CROWLEY.** (Decorative.) Flowers large, of fine form and substance, and in color a beautiful, luminous shade of salmon-pink. Plant is a sturdy grower and free bloomer on stiff stems. \$1 each.

**MRS. I. DE VER WARNER.** (Decorative.) A deep mauve-pink of perfect form and very large size. 75 cts. each.

**PAUL MICHAEL.** (Decorative.) Immense, deep orange-buff flowers. Perfect for the garden. 75 cts. each.

**RODMAN WANAMAKER.** (Decorative.) Entirely distinct in color from any other variety. The buds are pale lemon-yellow, opening beautiful golden salmon-pink. Flowers measure from 9 to 13 inches across. \$2.50 each.

**ROMAN EAGLE.** (Decorative.) Large exhibition variety of a flaming, brilliant, burnished copper color. One of the most admired Dahlias at the recent large shows. \$2 each.

**U. S. A.** (Hybrid Cactus.) A splendid exhibition variety of largest size, fine form, and rich deep orange color. The plant is a free grower and good bloomer. \$1 each.



Jersey's Beauty Dahlia



## General List of Dahlias



### CACTUS DAHLIAS

- Attraction.** Large, elegant flower of a clear lilac-rose, on long, stiff stems. 50 cts. each.
- Cigarette.** Creamy white blooms, heavily edged with pomegranate-red but varying greatly, no two flowers being exactly alike. The long petals are inclined to roll, forming large, deep flowers of great substance on very long stems. \$1 each.
- Countess of Lonsdale.** Salmon-red, shaded pink; very free and dependable. 35 cts. each.
- George Walters.** Immense flowers of rich coppery old-gold, tinting to buff at the center. A great acquisition. 75 cts. each.
- Golden West.** A California variety with rich golden bronzy yellow petals shading to scarlet at the center. It is a wonderful grower, strong and sturdy, with heavy, clean healthy leaves, and branching habit. Large flowers on long, stiff stems. 50 cts. each.
- Kalif.** Very large, pure scarlet-red blooms measuring 8 to 10 inches in diameter. 75 cts. each.
- Nibelungenhort.** Immense flowers, 7 to 8 inches across, of rich golden apricot, suffused old-rose. 50 cts. each.
- Siskiyou.** Mr. Broomall, the veteran Dahlia-grower of California, says Siskiyou produced the largest flowers he has ever grown. It was awarded first prize at the 1924 Los Angeles show for the largest bloom and many other prizes throughout the country. Color a distinct pink, tinted mauve. \$2 each.
- Washington City.** A gorgeous snow-white variety of beautiful form. 75 cts. each.
- Yellow King.** Immense blooms of light yellow, tinting to cream at the tips. 50 cts. each.

### PEONY-FLOWERED DAHLIAS

- Dreamlight.** A large, full flower composed of many narrow, flat petals of a lovely shade of pale old-rose, illuminated with yellow at the base. Numerous twisted and curled petaloids around the disc make the peony formation most perfect and the flower most attractive. \$1 each.
- Geisha.** The most striking color-combination—golden yellow, changing to bright scarlet at the center of petal and back to gold at the tip. Giant flowers on long, wiry stems. \$1 each.
- Pink Perfection.** Luminous silvery pink blooms of large size and splendid form, on long, stiff stems. The first flowers come fully double. 50 cts. each.
- Queen Elizabeth.** A beautiful rosy mauve with curled center petals. 50 cts. each.
- Sensation.** Bright scarlet, heavily tipped white. Plant a very strong, vigorous grower and profuse bloomer on long, stiff stems. 50 cts. each.
- William Austin.** Large white flowers, suffused cerise, tipped carmine. 50 cts. each.

### DECORATIVE DAHLIAS

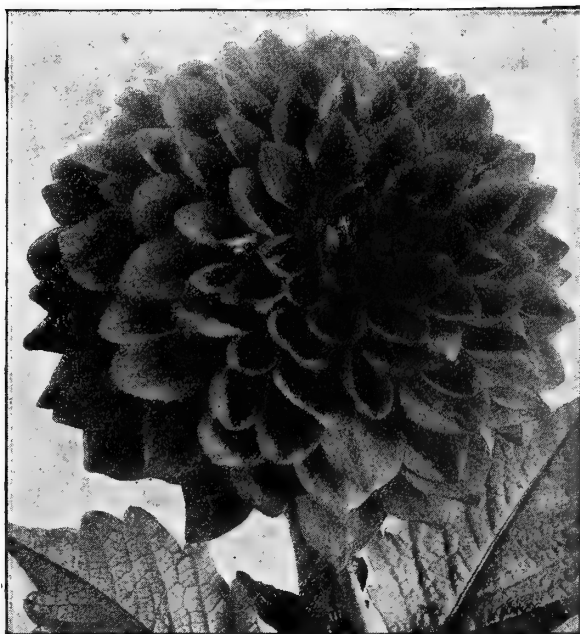
- Dream.** A beautiful, medium-sized flower of perfect form, and in color, peach with an amber-like glow. Good keeper for cutting. 50 cts. each.
- Dr. Tevis.** Bronzy old-gold, shaded and suffused violet-rose. 65 cts. each.
- Elite Glory.** Monstrous flowers of a brilliant rich red without shadings. A sensational novelty unsurpassed for effect, either for garden or exhibition purposes. \$2.50 each.
- Jane Selby.** Delicate mauve-pink, giant flowers on long stiff stems. \$1 each.
- Judge Duncan.** Rich velvety crimson-maroon flowers. A profuse bloomer on long, stiff stems. \$1 each.
- Judge Marean.** A wonderful blending of yellow, gold, and orange, suffused pink and edged red. 75 cts. each.
- Marmion.** Pure golden bronze suffusion. Free bloomer on splendid stems. One of the largest Dahlias. \$2.50 each.
- Millionaire.** Giant lavender-pink flowers, tinting to white at the center. 90 cts. each.
- Mrs. Carl Salbach.** A lively shade of solferino-pink with white suffusion. 75 cts. each.
- Mrs. J. Harrison Dick.** Citron-yellow at center, outer petals suffused salmon-pink. 50 cts. each.
- Patrick O'Mara.** Blooms orange-buff, tinged with Neyron-rose, 7 to 9 inches in diameter. 75 cts. each.
- Pride of California.** Deep rich red, full flower. Best of its shade for cutting. 75 cts. each.
- Queen of the Garden Beautiful.** This is really the largest Dahlia ever introduced. It is an enormous light yellow, with huge, stiff canes that support the big flowers wonderfully. \$2 each.
- Souvenir de Gustave Doazon.** Very large; light red. A strong, vigorous grower. 35 cts. each.

### POMPON DAHLIAS

We offer below a select list of these beautiful Pompon Dahlias, a miniature form of the Show Dahlias, having the same ball-like form, but much smaller. The plants are also smaller, of branching habit, and produce an endless profusion of flowers which are invaluable for table decoration and boutonnières.

- Amber Queen.** Rich amber, shaded apricot.
- Bobby.** Plum-color.
- Little Beauty.** Shrimp-pink.
- Snowclad.** Snow-white.
- Sunbeam.** Crimson-scarlet.
- Winifred.** Pink and white.

Any of the above, 30 cts. each; \$3 per doz.  
COLLECTION: 1 each of 6 varieties, \$1.50



Elite Glory Decorative Dahlia

## Large-flowered GLADIOLUS Most Popular Summer-flowering Bulbs All First-Size. Rare and Beautiful Varieties

Failure with Gladiolus has never been known. They grow in any open position and bloom well. They are not only showy in the garden, but if cut when the first flower opens, last for ten days in the house. The newer colorings defy description and rival the choicest orchids. Plant them 4 inches deep, 6 inches apart, and stake when 2 feet high. Flowers appear from early July until late in the fall. A succession of blooms may be had by making plantings from April to June, about ten days apart.

### Bolgiano's Harmony Collection

Four well-known, popular, and choice varieties.

**Anna Eberius**      **Golden Measure**  
**Mary Pickford**   **Mrs. Dr. Norton**

5 bulbs of each \$2.00; 25 bulbs of each \$9.00;  
100 bulbs of each \$32.00.



	Each	Doz.	100
<b>Alice Tiplady.</b> One of the most popular of the Primulinus varieties. Beautiful saffron-orange.....	\$0 10	\$1 00	\$7 00
<b>Anna Eberius.</b> Unusually artistic color—clear rosy purple with a smoky suffusion.....	10	1 00	7 00
<b>Arizona.</b> Dark pink with maroon markings on lower petals; fine for cutting.....	10	1 00	7 00
<b>E. J. Shaylor.</b> A very popular variety of deep rose-pink with ruffled edges.....	10	1 00	7 50
<b>Evelyn Kirtland.</b> Very warm rose-pink, deepening toward the edges and shading to shell-pink in the center, with brilliant scarlet blotches on the lower petals. An excellent cut-flower variety because of its strong stem.....	10	1 00	7 00
<b>Golden Measure.</b> Very large, pure golden yellow flowers of good substance. A robust grower of unusual merit	20	2 00	14 00
<b>Gretchen Zang.</b> Beautiful rose-pink, with scarlet markings on the lower petals. Very attractive.....	10	1 00	7 00
<b>Halley.</b> Delicate salmon-pink, with creamy throat-blotch. Very early.....	10	75	5 00
<b>Herada.</b> Immense, glistening mauve blooms, deeper markings on throat.....	15	1 25	8 00
<b>Le Marechal Foch.</b> Large flowers of beautiful soft pink on strong stems.....	10	75	5 00
<b>Lily White.</b> Early, clear white of medium size.....	10	1 00	7 00
<b>Maiden's Blush.</b> Beautifully formed, delicate blush-pink flowers on strong stems. Very early flowering.....	10	1 00	7 00
<b>Mary Pickford.</b> Lovely creamy white, with soft sulphur-yellow throat. Very delicate and pleasing.....	15	1 25	9 00
<b>Mrs. Dr. Norton.</b> A very beautiful variety with large, well-opened flowers on strong spikes. Creamy white, with edges suffused soft pink; lower petals have a blotch of sulphur-yellow and are speckled at the base with tyrian-rose. An exquisite variety.....	15	1 25	9 00
<b>Mrs. Francis King.</b> A beautiful light scarlet variety of a pleasing shade.....	10	75	5 00
<b>Mrs. Frank Pendleton.</b> Charming, large, well-expanded flowers of exquisite salmon-pink, heavily blotched with blood-red in the throat.....	10	1 00	7 50
<b>Mrs. H. E. Bothin.</b> Flesh and salmon-pink, with flame-scarlet center, heavily ruffled.....	20	1 50	10 00
<b>Niagara.</b> Primrose-yellow, splashed and striped with bright pink. Large flowers on strong spikes.....	10	1 00	7 00
<b>Odin.</b> Early-flowering, bright salmon-rose, heavily blotched carmine on lower petals.....	15	1 25	9 00
<b>Panama.</b> An improved America, with flowers of deeper pink and much larger.....	10	1 00	7 00
<b>Peace.</b> Flowers large, of fine form, pure white, feathered with pale lilac.....	10	1 00	7 00
<b>Rose Ash.</b> Tall spikes of finely formed, corinthian-red flowers, fading to ashes of roses on outer edge, and lower petals light yellow speckled with ruby.....	15	1 50	10 00
<b>Scarlano.</b> Dazzling scarlet-orange, with almost black markings in throat. The finely ruffled blooms are of large size, and many open at one time on a sturdy, straight spike. One of the finest early reds.....	20	2 00	15 00
<b>Schwaben.</b> Clear sulphur-yellow, with small brown spot in the throat.....	10	1 00	7 00
<b>Souvenir.</b> The newest and finest deep yellow. Tall with extra-large flowers. Early and a good shipper.....	15	1 50	10 00
<b>Virginia (Scarlet Princeps).</b> Intense scarlet, slightly deeper in throat; extra fine; early and much in demand.....	15	1 25	8 00
<b>War.</b> Deep blood-red, shaded with blackish crimson; very tall and showy.....	15	1 25	9 00
<b>Wilbrinck.</b> Flesh-pink, with yellowish blotch on lower petals. Good cut-flower and forcer.....	10	1 00	7 00

### Bolgiano's Primulinus Mixture

A recent type of Gladiolus producing slender spikes bearing orchid-like flowers, ranging in color from the lightest yellow to deep orange and from soft salmon-pink to rich crimson. Ideal for cutting. First-size bulbs, 60 cts. per doz.; \$4.50 per 100.

### BOLGIANO'S SPECIAL SELECTION OF GLADIOLUS

Mixed from choice named varieties

There are so many bewilderingly beautiful Gladiolus that it is almost impossible to make a selection of favorites from them. In this dilemma many growers buy this superb mixture of the finest varieties in which we are careful to include many of the choicest kinds. Relieved of the expensive labor of keeping varietal names separate, such a mixture can be sold much more cheaply than if the same varieties were sold separately and the flowers are, of course, identical. If you are more interested in good Gladiolus than in their names, this mixture is the way to buy them.

25 bulbs, \$1.00. 50 bulbs, \$1.75. 100 bulbs, \$3.50. 1,000 bulbs, \$32.00

## Bulbs and Roots

### Begonias, Tuberous-rooted

These are among the most attractive summer-flowering plants with blooms 4 to 6 inches across, ranging from pure white and delicate pink, yellow, and orange to rich scarlet and deep crimson. Used to excellent advantage in window- or porch boxes in shady places. Bulbs may be started indoors in February and transplanted into beds as soon as all danger of frost is over. **Crimson, Rose, White, Yellow, and Mixed.** Single, 25 cts. each; \$2.50 per doz. **Double**, 35 cts. each; \$3.50 per doz.

### Bleeding Heart

**Dicentra spectabilis.** An old-fashioned plant with much-cut foliage and drooping heart-shaped flowers of pale rosy red produced from May to July. 75 cts. each; \$6.75 for 10.

### Caladiums

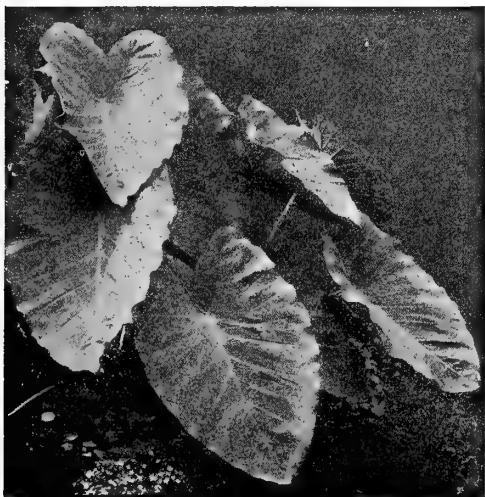
**Fancy-leaved.** A much-improved mixture containing many of the finest importations from Brazil. No other summer foliage plant equals the Fancy-leaved Caladiums in rich and gorgeous, yet soft coloring. They may be planted in pots, in window-boxes or in outdoor beds, but always in a shady or semi-shady location. Start in about a 3- or 4-inch pot, according to size of the bulb, covering the bulb about 1 inch deep. Repot as required. Mammoth bulbs, 40 cts. each; \$4 per doz.

**Excelsentum.** Elephant Ears. One of the most effective plants for the flower border or for planting on the lawn. They will grow in any garden soil, and are of the easiest culture. To obtain the best results, they should be planted where they will obtain plenty of water and abundance of rich compost. Foliage light green. When full size they stand 6 feet high and bear immense leaves 3 to 4 feet long by 2½ feet wide.

**Extra-large Bulbs**, 30 cts. each; \$3 per doz.

**Large Bulbs**, 20 cts. each; \$2 per doz.

**Small Bulbs**, 10 cts. each; \$1 per doz.



Caladium excelsentum

### Gloxinia

Gloxinias make pretty and most charming pot plants. They may also be set outdoors after danger of frost is past. Plant the bulbs in pots during January. They require plenty of water. If moved outdoors select a moist, shady location. Our mixture contains the purple, scarlet, and white varieties; also the purple bordered white and scarlet bordered white. **Mixed**, 30 cts. each; \$3 per doz.

### Lily-of-the-Valley

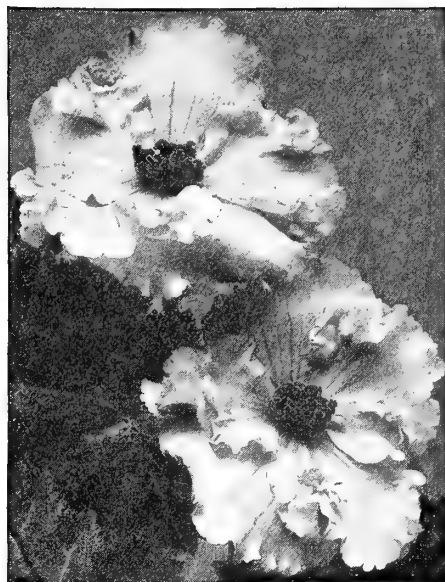
A dainty plant with large leaves and small, white, nodding flowers, delicate and sweet-scented, in May and June. Clumps 35 cts. each; \$3.25 for 10.

### Madeira Vine (Climbing Mignonette)

A beautiful, popular vine, which will cover a large space in a short time. Fleshy, heart-shaped leaves of light green, and numerous racemes of feathery flowers with a delightful fragrance. Protect the roots with litter in this latitude. 15 cts. each; \$1.50 per doz.; \$10 per 100.

### Tuberose

**Excelsior, Double Pearl.** One of the most fragrant and most popular summer-flowering bulbs. Easily recognized by its fragrance and beautiful long flower-spikes, making it an admirable cut-flower for house decorations. Plant in open ground after May 1. If started in pots and then transplanted to open ground, can be had much earlier. Mammoth bulbs, 15 cts. each; \$1 per doz.; \$7.50 per 100. First-size, 10 cts. each; 70 cts. per doz.; \$5 per 100.



Tuberous Begonia

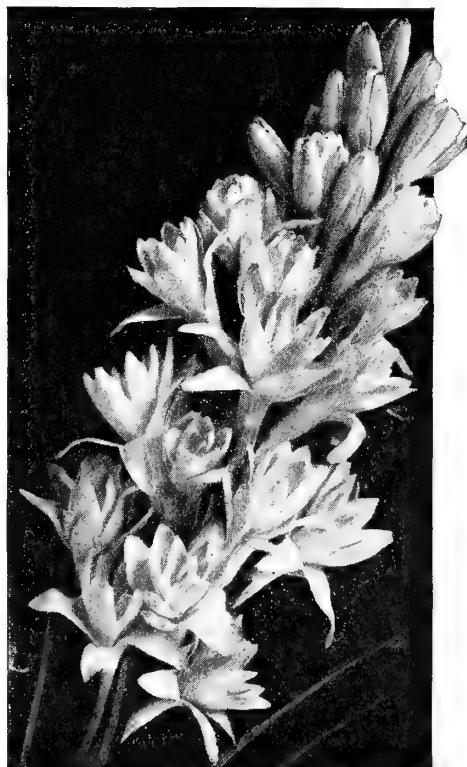
### Calla

**Golden Yellow (Richardia Elliottiana).** Succeed best when treated the same as gladiolus, tuberose, and other summer-flowering bulbs. They should be planted in the open border in a dormant condition when danger from frost is over in spring, and will flower during the summer months. When the tops are killed by frost in the autumn, dig and store through the winter like potatoes. The deep golden yellow flowers are truly magnificent and the green foliage is spotted creamy white, which adds to its beauty. Mammoth bulbs, 40 cts. each; \$4 per doz.

### Cinnamon Vine

*Dioscorea batatas*

A beautiful, rapidly growing summer climber, with bright green, glossy foliage and spikes of deliciously cinnamon-scented, white flowers. It is perfectly hardy, the stem dying down in winter, but growing with great rapidity in the spring, so as to cover any trellis or arbor very early in the season. Large, select roots. 15 cts. each; \$1.25 per doz.; \$9 per 100.



Tuberose



## Bolgiano's Selected Everblooming Roses

The wonderful beauty and fragrance of Roses make them the most popular of flowers. Everybody likes and admires them and would like to have them. Some are deterred by the feeling that they are difficult to grow. This is a mistake. Good Roses can be grown by any gardener who can grow good flowers of any kind. Of course, show blooms and specimen stuff are for the expert only. On extensive grounds, small lawns, porch trellis, or hedges, Roses may be used with charming effect.

The following sorts are popular, very hardy, and will bloom throughout the season. We offer only the best two-year-old, field-grown Roses and can supply many of the newer sorts which are not listed here. Send us names of varieties not listed, which you would like to have, and we shall be pleased to quote prices.

**Planting and Care of Roses.** Roses should be planted in good, rich soil. Dig the hole big enough to accommodate the roots without coiling or bunching them, and set the plant so that its collar is just even with the surface. Make the soil very firm about the roots, treading it if necessary. Cut the tops off about 8 inches above the top of the ground. Keep the bed thoroughly cultivated around the bushes the entire season. Each following spring they should be pruned 10 to 12 inches.

**Columbia.** Lively bright pink, sweetly scented flowers of exquisite shape. Free-flowering; good growth; healthy foliage.

**Duchess of Wellington.** Intense saffron-yellow buds, stained with deep crimson, changing to saffron-yellow as the flowers develop. Fairly full, with large petals of great substance and delightfully fragrant. Very free-flowering.

**Gen. MacArthur.** Crimson-scarlet; very fragrant. Long considered the best red bedding Rose.

**Gruss an Teplitz.** Double blooms of brilliant crimson, with velvety shadings and intense fragrance. A very large bush.

**Dame Edith Helen.** A very new variety of strong, vigorous constitution, producing flowers singly on strong canes throughout the season. The immense blooms have broad petals which curl back prettily, forming a wonderful long-pointed bud, absolutely perfect in every stage of development. Brilliant, yet soft pink and delightfully sweet scented. \$2 each.



Radiance Rose

**Hoosier Beauty.** Intense rich, dazzling crimson-scarlet; good sized full flowers, deliciously scented.

**Imperial Potentate.** Splendidly shaped buds which develop into large, sweet-scented, double flowers of crisp, glistening rose-pink with silvery suffusion at the base of the petals. Of strong, vigorous, erect habit and very free-flowering.

**Jonkheer J. L. Mock.** Carmine buds of gigantic size, opening slowly to enormous blooms of deep carmine-pink.

**Kaiserin Auguste Viktoria.** Snowy white with a slight tint of lemon at center; fragrant.

**Los Angeles.** Very lovely buds and exquisite flowers of salmon-pink, with yellow shading; very sweetly perfumed.

**Mrs. Aaron Ward.** Delightful golden buff buds; double, attractively shaped flowers of tawny gold and pink; fragrant.

**Ophelia.** Creamy white and pale pink blooms with a glint of golden yellow; very fragrant.

**Radiance.** Brilliant rose-pink buds; shining pink, globular flowers with lighter tints on the reverse of the petals; very fragrant. Most popular American Rose.

**Red Radiance.** Big, globular, deep rose-red flowers are freely produced on strong canes, all summer.

**Souvenir de Claudius Pernet.** The most popular golden yellow garden Rose. Charming in bud or while opening. The plants grow freely and produce flowers liberally.

**Souvenir de Georges Pernet.** A strong, vigorous grower with large flowers, beautiful in both bud and fully developed, intense orange-pink of a most vivid shade.

**Souvenir de H. A. Verschuren.** A most desirable two-toned yellow Rose, the edges light buff, deepening to apricot-yellow at the center, particularly rich in cool weather. Buds and flowers of fine form. Growth vigorous and healthy; very free-flowering and sweetly perfumed.

Selected dormant plants, \$1 each; \$10 per doz.  
For late planting we can supply pot-grown plants in 6-in. pots, \$1.25 each; \$12 per doz.

## Climbing Roses

**Climbing American Beauty.** Brilliant carmine.

**Dr. W. Van Fleet.** Pale pink; long stems; the best.

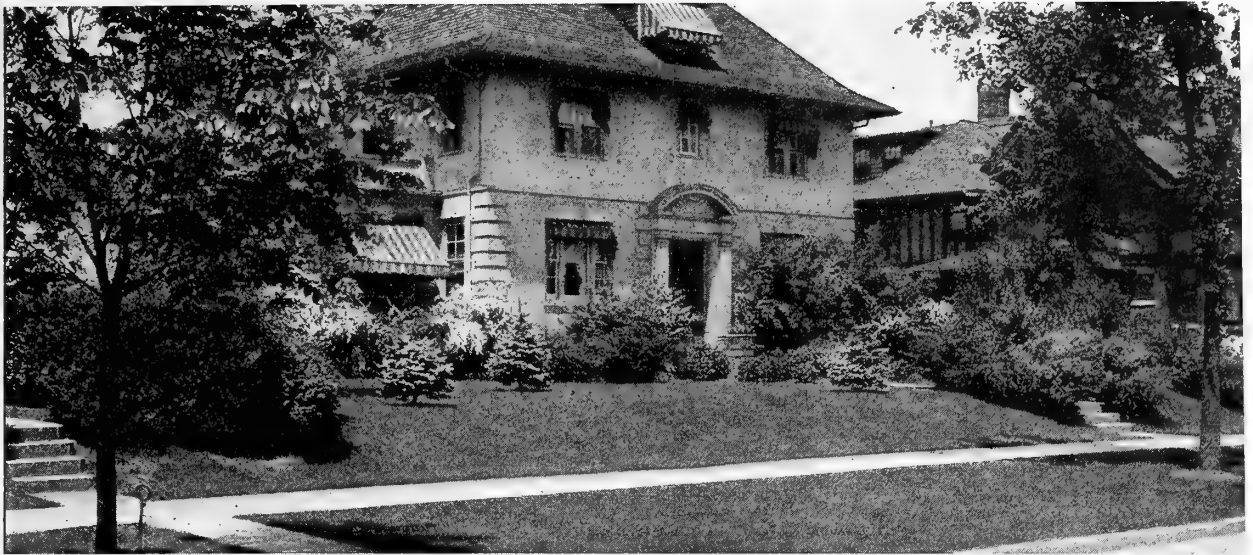
**Gardenia.** Yellow buds; creamy flowers, with yellow center.

**Paul's Scarlet Climber.** The purest scarlet climber.

**Silver Moon.** Long, creamy buds; gigantic flowers.

Selected dormant plants, 75 cts. each; \$7.50 per doz. Pot-grown plants, \$1.25 each; \$12 per doz.





## Hardy Flowering Shrubs

Shrubs are very necessary in planting the home-grounds. They can be used in many ways, as a dividing-line between the lawn and the vegetable- or flower-garden, hiding unsightly buildings, a background for the flower garden, or foundation planting.

Dwarf varieties should be planted at least 3 feet apart and the taller ones 5 feet. As a general rule, shrubs should be pruned just after they have finished flowering. The best time to plant is early spring, as soon as the ground can be worked, until about May 10. We have offered below some of the most popular flowering shrubs, but will be pleased to correspond with any of our customers desirous of getting other varieties.

### Abelia

**Grandiflora.** A lovely, rounded bush, almost evergreen, which can be kept trimmed to any shape or allowed to grow at will. It is not hardy in the North. White, heather-like flowers, tinted lilac, completely cover the plant.

### Calycanthus (Allspice)

**Floridus.** Sweet-scented or Strawberry Shrub. Bears great numbers of double, dull brownish purple flowers of exquisite, aromatic, strawberry-like fragrance.

### Cornus

**Alba sibirica.** Red-barked Dogwood. Vivid, bright red bark, making it very showy in winter.

### Cydonia (Pyrus)

**Japonica.** Japanese Flowering Quince. Spiny shrubs with green, glossy leaves and large, showy, scarlet flowers during May and June. \$1 each; \$10 per doz.

### Deutzia

**Crenata flore-pleno.** Double Deutzia. A tall shrub with double pinkish flowers during June.

**Gracilis.** Dwarf shrub with pendulous white flowers in June. Height 12 to 18 inches.

### Forsythia (Golden Bell)

**Viridissima.** Green-barked Forsythia. A free-flowering, spreading shrub with yellowish green bark, and bell-shaped, yellow flowers in very early spring.

### Hydrangea

**Arborescens sterilis.** Snowball Hydrangea. Large, full heads of snow-white flowers in lavish profusion, from late June until late August.

**Paniculata grandiflora.** The white flowers are borne in cone-shaped heads, 6 to 12 inches long, in August and September, and later turning to pinkish bronze. Grows in full sun but requires plenty of water.

### Hibiscus (Shrub Althæa; Rose of Sharon)

**Syriacus.** Tall, hardy shrubs valued because of their blooming from August to October, when few shrubs are in flower. They are extensively used as hedge plants. **Red, Pink, White, and Purple.**

### Philadelphus (Syringa)

**Coronarius.** Mock Orange. An upright shrub that produces, in June, a wealth of white, fragrant flowers. A very popular old-fashioned shrub that everybody likes.

### Spiraea

**Bumalda, Anthony Waterer.** Flowers bright crimson. It is of dwarf, dense growth, 30 inches in height, and blooms the entire summer and fall, if the old flower-heads are removed.

**Van Houttei.** Bridal Wreath. The grandest of all the white Spiræas. The compact plants are a beautiful ornament for the lawn at any season, but when in flower a very beautiful sight, the white blooms almost entirely covering the foliage.

### Syringa (Lilac)

**Vulgaris.** Common Purple Lilac. Purple.

**Vulgaris alba.** Common White Lilac. White.

### Viburnum (Snowball)

**Opulus sterile.** Common Snowball; Guelder Rose. Strong grower of spreading habit. In late May and early June it bears large, round clusters of pure white flowers. Height 2 to 3 feet. \$1 each; \$10 per doz.

**Plicatum.** Japanese Snowball. A compact, upright shrub with highly ornamental foliage, dense clusters of pure white flowers in great profusion during late May and early June. \$1 each; \$10 per doz.

### Weigela

**Rosea.** An ornamental shrub of spreading habit, with more or less arching branches and rather large leaves. The pink flowers are trumpet-shaped and appear in May and June.

**VOLCK.** A non-poisonous spray that is most effective for blight and insects on shrubbery and evergreens. See page 62.

Any of above Shrubs, 75 cts. each; \$7.50 per doz., except where noted



Barberry Hedge

## Hedge Plants

### Barberry (Berberis)

**Japanese** (*B. Thunbergi*). This shrub has become very popular for producing low, dense hedges. Its abundant, small, light green leaves, which turn to rich colors in autumn, and its wealth of scarlet berries render it very attractive. It is extremely hardy and requires but little pruning. Ornamental and graceful the year around. For hedges, set plants 1 foot apart. Extra-strong plants, 40 cts. each; \$4 per doz.; \$25 per 100.

**New Red-leaved Japanese** (*B. Thunbergi atropurpurea*). Similar to *B. Thunbergi*, it has foliage of a lustrous, bronzy red, like the best Japanese maples. Unlike other color shrubs, which fade as the season advances, it becomes more brilliant through the summer, and in fall changes to vivid orange, scarlet, and red, more brilliant and effective than the ordinary Japanese Barberry. It bears the same brilliant scarlet berries as the type, and they remain on the plant the entire winter. All that is required to develop its brilliant color at all seasons is full exposure to the sun. This is important. Extra-strong plants, \$1 each; \$10 per doz.

### Privet (Ligustrum)

**California** (*L. ovalifolium*). This is the favorite hedge plant and when so used should be planted 6 inches apart and cut back about 6 inches above the ground. Extra-selected 2-ft. plants, \$1 for 10; \$7 per 100; \$55 per 1,000.

**Regel** (*L. ibota Regelianum*). A low, dense shrub, with almost horizontally spreading branches. The small white flowers appear along the branches in June and July followed by small black fruits often remaining throughout the winter. It will grow in almost any kind of soil and will flourish in partial shade. Extra-strong 2-ft. plants, 40 cts. each; \$4 per doz.; \$28 per 100.

We will have a choice lot of perennial plants at proper time for planting, such as Delphiniums, Foxgloves, Columbines, Canterbury Bells, Hollyhocks, Gaillardias, Pyrethrums, Phlox, and many other varieties. Extra-strong plants, 30 cts. each; \$3 per doz.



Planting of Hardy Phlox

## Hardy Climbing Vines

### Ampelopsis

**Veitchi**. Boston or Japanese Ivy. A most popular climber, clinging firmly to brick, stone, or other material. Deep, glossy green, ivy-shaped foliage which turns to crimson and gold in autumn. Strong, 2-yr. plants, 75 cts. each; \$7.50 per doz.

### Bignonia

**Radicans**. Trumpet Creeper. Strong foliage and large, trumpet-shaped flowers of vivid orange-scarlet during midsummer. 75 cts. each; \$7.50 per doz.

### Clematis

**Paniculata**. Japanese Virgin's Bower. Unequaled for airy grace and beauty. It quickly grows 15 to 20 feet high and spreads freely. During August and September it is a sheet of fleecy white, composed of numerous pure white, star-like flowers. 75 cts. each; \$7.50 per doz.



Hall's Japanese Honeysuckle

### Lonicera (Honeysuckle)

**Halliana**. Hall's Japanese Honeysuckle. A popular and very valuable vine with abundant, glossy, evergreen foliage. Exceedingly fragrant flowers from May until November. 50 cts. each; \$5 per doz.

### Wistaria

**Sinensis**. Chinese Wistaria. A rapid-growing vine that attains a great height. In May its soft, dainty lavender-blue flowers are produced in pendulous racemes a foot or more long. 50 cts. each; \$5 per doz.

## Hardy Garden Phlox

### Strong field-grown plants

Splendid plants for the edge of the shrub border or for massed bedding in the garden.

**Bridesmaid**. White, with crimson eye.

**Fernand Cortez**. Deep crimson.

**Mrs. Charles Dorr**. Lavender.

**Mrs. Jenkins**. White.

**Richard Wallace**. White, violet eye.

**Rijnstroom**. Bright pink.

**Thor**. Deep pink, scarlet eye.

**Miss Lingard**. Fragrant, waxy white flowers with lavender eyes. Longest spikes of any Phlox. Early and continuous bloomer throughout season.

**Elizabeth Campbell**. Bright salmon-pink, dark eye. 50 cts. each; \$5 per doz.

Any of the above varieties, except Elizabeth Campbell, 30 cts. each; \$3 per doz.

Fruit Trees and Small Fruits

Apples

3-yr., \$1.25 each; \$12 per doz.

- Delicious.** Medium to large; red. October to January.
- Grimes Golden.** Medium; yellow. Late August.
- Banana.** Large; waxy yellow. Late fall.
- Stayman Winesap.** Large; red. November to February.
- Yellow Transparent.** Medium; yellow. Middle of July.
- York Imperial.** Large; red. November to March.

Cherries

3-yr., \$1.50 each; \$15 per doz.

- Black Tartarian.** Sweet.
- Montmorency.** Sour.
- Napoleon.** Sweet

Peaches

Extra-selected, 75 cts. each; \$7.50 per doz.

- Belle of Georgia.** Light with blush; flesh white. August 10 to 25.
- Carman.** Cream, red blush; white flesh. July 25 to August 10.
- Elberta.** Yellow, red blush; flesh yellow. August 15 to September 15.
- Crawford's Early.** Yellow with red cheek; flesh yellow. August 15.
- J. H. Hale.** Yellow, overlaid carmine; flesh yellow. September 1

Pears

3-yr., \$1.50 each

- Bartlett.** Large; fine-grained. August.
- Kieffer.** Large; blight-resistant. October to February.
- Seckel.** Small; tender. September.

Plums

2-yr., \$1.50 each; \$14 per doz.

- Burbank.** Red on yellow; flesh yellow. August and September.
- Reine Claude.** Yellowish green to yellow; midseason.
- Moore's Arctic.** Purplish black; flesh yellow. September.



Scarff Raspberries

Grapes

2-yr., 50 cts. each; \$5 per doz.

- Catawba.** Standard late red variety.
- Concord.** Late; black.
- Delaware.** Small; red; early.
- Moore Early.** Standard early black variety.
- Niagara.** Greenish yellow; ripens with Concord.

Currants

Fay. Dark red; midseason. 2-yr., 50 cts. each; \$5 per doz.

Gooseberries

Downing. Large; thin skin. 2-yr., 50 cts. each; \$5 per doz.

Raspberries

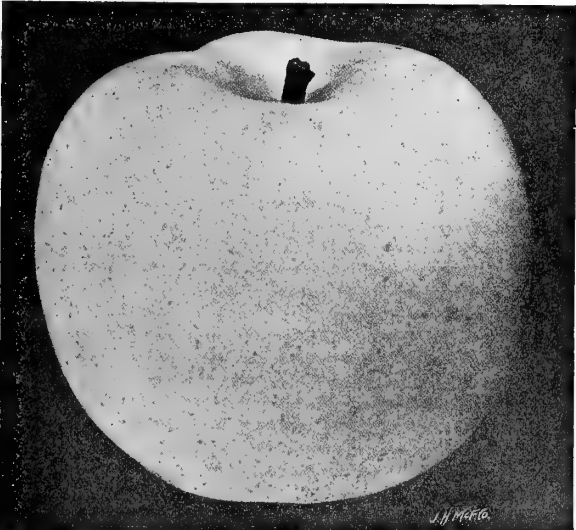
- Heavy transplanted plants, \$2.50 per doz.; \$15 per 100
- Cuthbert.** Large, red, standard late variety.
- Scarff.** Standard late black variety.
- St. Regis.** Early, everbearing variety; red fruit.

Blackberries

Eldorado. Large; black; juicy. \$2 per doz.; \$12 per 100.

Strawberries

- Chesapeake.** Late; large. Good shipper.
- Glen Mary.** Large; midseason. Popular market variety.
- Klondike.** Early; large, dark red berries. Fine for market.
- Missionary.** Large; early. Adapted to Southern States.
- Premier.** Early; large; red. Good commercial variety.
- Any of above varieties, 60 cts. for 25; \$1.50 per 100; \$10 per 1,000
- Progressive.** Best-known Everbearing Strawberry. Early. 75 cts. for 25; \$2.50 per 100; \$14 per 1,000.



Grimes Golden Apple

WEIGHT WHEN PACKED

	Doz.	100
Blackberries, Currants, Gooseberries	2½ lbs.	20 lbs.
Raspberries	2 lbs.	12 lbs.
Grapes	3 lbs.	25 lbs.
Perennials	3½ lbs.	
Roses, Iris	4 lbs.	
Strawberries	(25) 1½ lbs.	3½ lbs.
Peonies	7 lbs.	

No plants will be shipped C. O. D. We ship all nursery stock at the proper time for planting, which may be sometime after we receive your order. Unpack all plants directly you receive them, and water freely. If not ready to use them on arrival, dig a hole and put them in, covering up the roots and water well.

All Express or Parcel Post charges on nursery stock are to be paid by customer. Consult the opposite column, this page, for weight of plants, and page 79 for Parcel Post charges.

# Fertilizers for the Farm, Garden and Lawn

ALL PRICES F. O. B. BALTIMORE

## Makes All Plants Grow to Perfection!



Wizard Sheep Manure is a highly concentrated Manure, uniformly pulverized, absolutely weedless and free from straw and rubbish. Wizard makes poor, worn-out soils rich and fertile. It supplies the humus and natural food that all plants need. Wizard is more than a plant-food because it permanently builds up the soil. For new lawns, apply 10 pounds to 100 square feet and rake into the surface soil; for old lawns, apply 8 pounds to 100 square feet. One pound is ample for ordinary vines or shrubs; more should be used on larger shrubs and trees according to size. Wizard can also be dissolved in water and used to nourish all plant-life. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. \$1; 100 lbs. \$3; 500 lbs. \$12.25; ton (in 100-lb. bags) \$45.

## Weedless Lawn

### ARCADIAN SULPHATE OF AMMONIA

is a fertilizer which will increase the growth of the grass so as to crowd out and tend to eliminate ordinary weeds, such as buttercup, dandelion, crab grass, chickweed, plantain, etc. Its use on the lawn will bring about a soil condition favorable to the growth of the grass and will produce a reaction in the soil which is unfavorable to weeds. Arcadian will give you a clean, smooth, weedless, velvety lawn. Ten pounds will cover 2,500 square feet of lawn; 1 pound will cover a 100-foot row in your vegetable- or flower-garden. Full directions in bag. 5 lbs. \$1; 10-lb. bag \$1.75; 25-lb. bag \$3.25.



## Potato Fertilizer

This is a very high-grade Fertilizer especially prepared for potatoes. 10 lbs. 50 cts.; 25 lbs. \$1; 50 lbs. \$1.75; 100 lbs. \$3; 500 lbs. \$13.75; ton (2,000 lbs.) \$50.

## Garden Fertilizer

This is a good general fertilizer for vegetables, fruits, and flowers. 10 lbs. 50 cts.; 25 lbs. \$1; 50 lbs. \$1.75; 100 lbs. \$2.75; 500 lbs. \$12; ton (2,000 lbs.) \$40.

## Nitrate of Soda

Refined, soluble, very quick to act, does not take the place of other fertilizers, but stimulates quick growth, and matures early crops when used occasionally along with them. 5 lbs. 50 cts.; 10 lbs. 90 cts.; 25 lbs. \$2. Ask for prices on larger quantities.

## Snārol

Kills garden pests quickly. Stops damage by cutworms, snails, grass-hoppers. Broadcast on ground, harmless to animals and fowls. Lb. 45 cts.; 3 lbs. 90 cts.; 15 lbs. \$3.50.

## FULTON'S Plantabbs

ODORLESS PLANT FOOD TABLETS



Guaranteed to contain 11 per cent Nitrogen (ammonia), 15 per cent Phosphoric Acid, and 20 per cent Potash. The ideal food for all potted plants, outdoor flowers, and vegetable gardening. Box, 30 tablets 25 cts.; box, 65 tablets 50 cts.; box, 150 tablets \$1; can, 1,000 tablets \$3.50.

## IMPORTED GRANULATED PEAT MOSS

### TORF MULL

Used extensively for garden purposes. Takes the place of manure, and is absolutely free of weed seeds, fungus, and other undesirable elements.

Great soil conditioner—corrects sandy or clayey soils and makes them produce much better plants.



Maintains moisture content of soil. Also used as a summer and winter mulch for complete protection. \$3.50 per bale f.o.b. Baltimore. Information gladly supplied.

## Bolgiano's Bone Lawn Fertilizer

When used on the lawn in early spring will give a beautiful green sward all during the entire summer and fall. It should be sown broadcast early in the spring or late fall, 25 pounds to 300 square feet or 2,000 pounds to the acre. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. \$1; 50 lbs. \$2; 100 lbs. \$3.25; 500 lbs. \$15.50; 1,000 lbs. \$30.

## Bolgiano's Hydrated Lawn Lime

A generous application of Lime two weeks before seeding-time will prove beneficial. It can be applied in early spring or late fall with the very best results. Sow broadcast 25 pounds to 300 square feet or 2,000 pounds to the acre. 5 lbs. 20 cts.; 10 lbs. 30 cts.; 25 lbs. 60 cts.; 50 lbs. \$1; 100 lbs. \$1.75; 1,000 lbs. \$11.50.

## Adco

Artificial manure is made with straw or other vegetable waste mixed with Adco, the bacterial food. Is clean and repels flies. Turn your garden waste into real manure. 25-lb. bag, \$2; 150-lb. bag \$10.50.

## Humus

Nature's product for enriching lawns, soil for all kinds of gardening, and for stimulating potted plants. Used in making fine lawns, especially where soil is poor. 50 lbs. \$2; 100 lbs. \$3.50; 500 lbs. \$15; 2,000 lbs. \$40.

## Blood Meal—for Roses

Valuable as a topdressing in the vegetable garden, flower garden, around house plants, trees and in hothouses. Lb. 15 cts.; 3 lbs. 25 cts.; 5 lbs. 40 cts.

## Antrol

Adopted by U. S. Government as best method of ant-control in homes or gardens. The syrup attracts ants to jar; they eat it and carry it back to their nest, where queen ant eats it and entire colony is destroyed. Antrol Sets (each consisting of 4 containers and a 4-oz. bottle Antrol Syrup) \$1. Extra: Antrol Containers, 15 cts. each; 4-oz. bottle Antrol Syrup 50 cts.; pint bottle \$1; gallon can \$4.

## Tobacco Dust

**Fine.** For green and black aphid, flea beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Lb. 10 cts.; 5 lbs. 30 cts.; 25 lbs. \$1.25; 100 lbs. \$4.

## Tobacco Stems (Fresh)

Used for fumigating and as a fertilizer. Per bale (about 120 lbs.) \$2.25.





# SUCCESS IS YOURS

WHEN YOU USE **VIGORO**  
*Specially prepared plant food*

**T**HERE is no secret in having a velvety lawn, colorful flowers, crisp, succulent vegetables, luxuriant shrubbery, and stately trees. You can enjoy these beauties of nature, if you use good seed, plants, bulbs, and the right plant-food.

VIGORO, a plant-food specially and scientifically prepared by experts, adds **BEAUTY** and **VIGOR** to all plant-life.

Thousands of home-owners have come to rely on VIGORO as the **ECONOMICAL**, **PRACTICAL**, and **EFFECTIVE** way to secure finest results.

**ECONOMICAL**—because the cost is only 10 to 20 cents for every 100 square feet.

**PRACTICAL**—because it is clean, odorless, easy to apply—can be sown by hand like grass seed, or applied with an ordinary kitchen colander.

**EFFECTIVE**—because it contains all of the elements of plant-food required to produce early, vigorous growth and bring fruit, flowers, and foliage to full development. **Complete directions in every bag.**

*Endorsed by Leading Landscape Gardeners and Nurserymen*

SWIFT & COMPANY, June 12, 1928  
Baltimore, Md.

*Dear Sir:* This year I was faced with the problem of growing a lawn under several acres of shade trees. Many of the superintendents around said it could never be done and that it would be a waste of time and money to try.

However, your Vigoro representative explained to me that Vigoro was a specially prepared product for feeding lawns, so I decided to give it a trial.

At the present time, one look at the lawn is convincing that Vigoro will produce thick, healthy grass.

Vigoro was also used extensively on the flowers, shrubbery, and in the vegetable-garden with excellent results. Vigoro was used exclusively and the results were so outstanding that I do not hesitate to recommend Vigoro to anyone who wants the best.—J. C. Kennedy, Superintendent, S. & N. Katz, Jewelers and Silversmiths, 105-111 N. Charles St., Baltimore, Md.



## VIGORO

*Specially prepared plant food*

5-lb. pkg. ....	\$0 50
25-lb. bag. ....	1 75
50-lb. bag. ....	3 00
100-lb. bag. ....	5 00

**A SWIFT & COMPANY PRODUCT**  
ALL PRICES F. O. B. BALTIMORE





Volck is one of the most powerful insecticides known. It is effective on practically all insects on ornamental and flowering plants. Even mildews and rusts are prevented and stopped by Volck. Not only does Volck give effective control of pests, but it

also prevents reinfestation for a considerable period. Volck is odorless, colorless, and non-poisonous. There is no unsightly residue. Plants are deep glistening green after using Volck.

1/2-pt. cans.....\$0.50	5-gal. cans...\$12.00
1-pt. cans......75	14-gal. drums. 25.00
1-qt. cans.....1.00	28-gal. drums. 40.00
1-gal. cans.....3.00	



### THE IDEAL SPRAY FOR ROSES AND OTHER PLANTS

Conquers Mildew and Black-Spot. Fertilizes through the foliage.

A highly concentrated fungicide that conquers mildew and controls black-spot on roses and diseases of other plants. It is unique in that it contains an important nitrogenous element—Hortogen—that is readily absorbed by the plant through the foliage, and results in stimulating to amazing vigor, luxuriant foliage, and wonderful blooms. This noted invisible spray has received the endorsement of the world's leading rosarians. With it the amateur can attain results heretofore deemed possible only by professionals. Highly concentrated, making sixty times its volume when diluted with water. 1/2 pt. 75 cts.; pt. \$1.25; qt. \$2; 1/2 gal. \$3.50; gal. \$6.



Autumn-winter Ground Dressing and Soil Disinfectant.

Terogen destroys the spores or fungi of most diseases that have fallen to the ground, as well as the larvae of most insects, including the rose-pith borers, rose-bugs, aphides and most beetles. Terogen also acts as a valuable fertilizer. Makes sturdy, healthy foliage and prevents chlorosis (yellowing of the leaves). In convenient semi-powdered form.

Lb.....\$0.75	10 lbs.....\$4.75
2 lbs.....1.25	25-lb. drums..11.00
5 lbs.....2.75	100-lb. drums..40.00



### \*"Black Leaf 40"

Florists, greenhouse owners, gardeners, and fruit-growers always keep this "old reliable" spray on hand to destroy all varieties of aphids, thrips, red bug, psylla and leaf hopper. One ounce makes 6 gallons. Oz. 35 cts.; 1/2 lb. \$1.25; 2 lbs. \$3.50; 10 lbs. \$13.50.

### \*Nico-Fume Paper

This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. It is also used for tying near blooms of chrysanthemums in early fall to keep down insects. Preferred by many who do not wish to spray or vaporize. Box of 24 sheets \$1.25; box of 144 sheets \$5.50; box of 288 sheets \$10.

## \*CYANO GAS

REG. U.S. PAT. OFF.

**CYANO GAS A-Dust.** A dry, powdered dust which, when exposed to the air, releases a gas known as hydrocyanic acid, and which causes instant death to rats, mice, moles, pocket gophers, and wood-chuck.

Also used in destroying diseased bee colonies, fleas in yards and open buildings, flies in dairy-barns.

**CYANO GAS G-Fumigant.** Economical and efficient, of similar chemical analysis, the particles of which are about the same consistency as sea sand. This causes the gas to evolve much more slowly, and enables safe use of this material as a greenhouse fumigant. 1/4 ounce per 1,000 cubic feet sufficient for the control or eradication of white fly, aphids, soft scale, leaf-tiers and thrips.

**CYANO GAS G-Fumigant** for household, flour-mill, and mushroom house fumigation. Sure death to cockroaches, bed bugs, fleas, moths, etc.

### CIRCULARS MAILED ON REQUEST

GRADE	PRICES			
	1-lb. tins	5-lb. tins	25-lb. drums	100-lb. drums
A-Dust.....	\$0.75	\$3.00	\$10.00	\$30.00
G-Fumigant.....		3.00	10.00	30.00



### Red Arrow

#### Non-poisonous Insect Spray

Will not burn or stain the most delicate leaf or flower. Endorsed by many entomologists of agricultural experiment stations. More nearly 100 per cent fatal than any known insecticide.

1-oz bottle.....\$0.30	Qt.....\$6.00
1/2-pt tin.....1.75	Gal.....22.00

### \*Fairmount Weed Killer

#### The Original Weed Killer

Positively destroys any kind of weed and vegetation wherever applied. Just the thing for driveways, tennis-courts, baseball diamonds, and walks where weeds are not wanted. Will not injure or discolor marble, gravel, or stone, but makes it clean and bright. Qt. 70 cts.; 1/2-gal. can \$1; 1-gal. can \$1.75; 5-gal. can \$7.25; 30-gal. drum \$33; 55-gal. drum \$55.



### Atlas Non-Poisonous Weed Killer Duster

Exterminates all undesirable vegetation including poison ivy, Canada thistle, Johnson grass, etc., without danger of poisoning humans or animals. Simply shake powder from can on any undesirable vegetation, weeds, grass, etc. Especially recommended for obtaining weed-free driveways, paths, tennis-courts, and gutters. \$1.50 each.

#### BULK DRY CONCENTRATE

(For making Weed Killer solution.) Large cans \$2 each; 50-lb. drums, 25 cts. per lb.; 200-lb. drums 20 cts. per lb.

Please note all insecticides marked \* cannot be sent by parcel post. On all articles on this page purchaser pays transportation.



Kills most plant pests, including even cutworms. Use it freely on tender plants and flowers—it can't burn or otherwise injure them. Neither will it injure the soil.

Non-poisonous Ever Green kills only insects—it is harmless to man, live-stock, birds, and pets.

**Easy to Use.** Just mix it with water and stir.

1 1/2-oz. bottle.....\$0.35	32-oz. bottle..\$3.85
6-oz. bottle.....1.00	1-gal. bottle..13.00
16-oz. bottle.....2.00	Can be mailed



Use Pyrox especially for potatoes, tomatoes, cucumbers, melons, cabbage, peppers, eggplant, berries, small fruits, shrubs, and flowers.

1-lb. jar.....\$0.50	50-lb. drum..\$10.75
5-lb. drum....1.75	100-lb. drum...17.00
10-lb. drum....3.00	300-lb. drum...45.00
25-lb. drum....6.25	

### \*Pomodust

For roses. Prevents mildew, blight and fungous diseases. **No. 4 Dust**, lb. 35 cts.; 5-lb. pkg. \$1.25; 10-lb. pkg. \$2.25.

### \*Scalecide

1-qt. can.....\$0.75	10-gal. can...\$10.60
1-gal. can.....1.75	15-gal. drum..13.50
5-gal. can.....6.25	50-gal. bbl. ...40.00

### Miscellaneous Insecticides and Spraying Materials

**\*Arsenate of Lead.** (Powder.) 1-lb. pkg. 30 cts.; 4-lb. pkg. \$1; 25-lb. pkg. \$5.75; 100-lb. pkg. \$20.

**\*Bordeaux Arsenate.** (Powder.) 1-lb. pkg. 30 cts.; 4-lb. pkg. \$1; 25-lb. pkg. \$5.50; 100-lb. drum \$18.

**\*Bordeaux Mixture.** (Powder.) 1-lb. pkg. 30 cts.; 4-lb. pkg. \$1; 25 lbs. \$5.50; 100 lbs. \$18.

**\*Bluestone.** Lb. 15 cts.; 25 lbs. \$3; 50 lbs. \$5; 100 lbs. \$9.

**Bug Death.** Lb. 20 cts.; 3 lbs. 40 cts.; 5 lbs. 60 cts.; 12 1/2 lbs. \$1.50; 100 lbs. \$8.75.

**Fish-Oil Soap.** 1-lb. pkg. 30 cts.

**\*Powdered Hellebore.** 1/4 lb. 15 cts.; 1/2 lb. 30 cts.; lb. 50 cts.

**\*Lemon Oil.** 1/2 pt. 35 cts.; pt. 60 cts.; qt. \$1; gal. \$3.

**Dry Lime-Sulphur.** 1-lb. pkg. 35 cts.; 5-lb. pkg. \$1.40; 10-lb. pkg. \$2.50; 25-lb. pkg. \$4.50; 100-lb. pkg. \$14.

**\*Liquid Lime-Sulphur.** 1-qt. can 50c; 1-gal. can \$1.10; 5-gal. can \$4; bbl. (about 50 gals.) \$15. Bbls. extra at \$2 each, and returnable at same price, F. O. B. shippers' station before August 1, if returned in good condition.

**\*Paris Green.** 1/4 lb. 20 cts.; lb. 50 cts.; 5-lb. pkg. at 45 cts. per lb.; 14-lb. kits at 40 cts. per lb.

**Para-Dichlorobenzene.** Lb. 60 cts.; 5 lbs. \$2.50; 10 lbs. \$4.50; 25-lb. kegs \$10; 100-lb. kegs \$33.

**Hammond Slug Shot.** Lb. 20 cts.; 5-lb. pkg. 60 cts.; 25 lbs. \$2.75.

**Sulphur.** Lb. 15 cts.; 5 lbs. 50c.; 10 lbs. 80c.; 25 lbs. \$1.50; 100-lb. bag \$6.

**Tree Tanglefoot.** Lb. 60 cts.; 5-lb. can \$2.75; 10 lbs. \$5.25; 25 lbs. \$11.

**Sulpho-Tobacco Soap.** 3-oz. pkg. 15 cts.; 8-oz. pkg. 25 cts.

# SEED DISINFECTANTS

**Control Seed-borne Diseases of Farm Crops • Stimulate Germination  
Improve Stands • Generally Produce Increased Yield of Higher Quality**

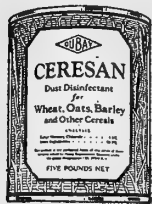
DuBay Seed Disinfectants are manufactured and sold by the Bayer-Semesan Company, Seed Disinfectants, successors to The Bayer Company, New York, N. Y., and E. I. duPont de Nemours & Co., Wilmington, Del.



DuBay Semesan Bel takes the place of the products formerly sold as DuPont Semesan Bel and Bayer Dipdust. DuBay Semesan Jr. takes the place of the products sold as DuPont Improved Semesan Jr. and Bayer Dust.

## CERESAN

**for seed treatment of wheat, oats, barley, sorghum**



### Prices of CERESAN

8-oz. tin... \$0.50  
1-lb. tin... .75  
5-lb. tin... 3.00  
25-lb. pail... 12.50  
100-lb. drum... 49.00  
300-lb. drum... 144.00

NOT AVAILABLE

Now, only one product is necessary for the seed treatment of wheat, oats, barley, rye or sorghum, **Ceresan**. Here is an easily applied dust treatment which has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat, stripe disease of barley, loose and covered smuts of barley and oats, and covered kernel smut of sorghum.

This is the only dust treatment which has successfully controlled all of these grain diseases as well as being the first effective dust disinfectant to be offered the farmer for control of barley stripe and smuts. Ceresan does not injure the seed nor the grain-drill. Only 2 ounces of Ceresan required per bushel of wheat, rye or sorghum, and 3 ounces for barley and oats. Easy to apply; economical to use.

## SEMESAN JR.

**for field and sweet seed corn**



### Prices of SEMESAN JR.

4-oz. tin... \$0.50  
1-lb. tin... 1.75  
5-lb. tin... 8.00  
25-lb. pail... 31.25  
100-lb. drum... 120.00  
300-lb. drum... 345.00

NOT AVAILABLE

Applied by the simple dusting operation at the rate of 2 ounces to each bushel of seed corn, Semesan Jr. offers the cheapest and most effective form of disease insurance.

It is especially effective in controlling seed-borne infections of diplodia, gibberella, and basiporium, without harming the seed embryo in the least. Tests have shown Semesan Jr. to increase the yield even from known disease-free seed.

Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields—those are the benefits which thousands of farmers are reaping at a cost of less than 3 cents an acre.

## SEMESAN BEL

**for white and sweet seed potatoes**



### Prices of SEMESAN BEL

4-oz. tin... \$0.50  
1-lb. tin... 1.75  
5-lb. tin... 8.00  
25-lb. pail... 31.25  
100-lb. drum... 120.00  
300-lb. drum... 345.00

NOT AVAILABLE

Instead of using chemicals for treating your seed potatoes, which require tedious soaking and which sometimes injure the seed-piece, use the quick, easy, time-saving Semesan Bel treatment. Simply mix, dip, drain, dry, and the potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed-pieces. Does not injure sprouts. No hot water necessary. A quick dip into the Semesan Bel solution and the seed potatoes are covered with a protecting film of disinfectant which effectively controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg.

By controlling these diseases, germination is generally increased, stand improved, and the resultant crop of potatoes is bigger and of better quality. Crop increases off from 10 to 15 per cent are common. One pound treats 16 to 20 bushels of seed.

## SEMESAN

**for flower and vegetable seeds**



### Prices of SEMESAN

2-oz. tin... \$0.50  
1-lb. tin... 2.75  
5-lb. tin... 13.00  
25-lb. pail... 56.25  
100-lb. drum... 220.00  
300-lb. drum... 645.00

NOT AVAILABLE

Semesan is indispensable to those growing vegetables or flowers whether for market or home use. It may be applied in dust or liquid form to the seed before planting, and is harmless to the seed but deadly to any disease organisms that may be on it.

Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, from 1/4 to 1 cent per pound of seed. One ounce treats 15 pounds of seed. Effective in controlling damping off, the brown patch disease which affects gladiolus greens, and such devastating gladiolus diseases as hard rot and scab.

DuBay Semesan takes the place of the product sold as DuPont Semesan and Bayer Uspulun.

**Treat All Seeds Before Planting**

ALL PRICES F. O. B. BALTIMORE

**Brown's  
Auto Spray No. 9**

The best general-purpose Sprayer made. Recommended for use in gardens, orchards, poultry-houses, etc., and will handle all insecticide solutions at high pressure. Tank made of best quality copper-bearing sheet steel or heavy brass. Capacity 4 gallons. All seams thoroughly soldered. The strongest tank that can be made. All brass nozzle and 22-inch brass extension with every Sprayer. Air-pump has exclusive Brown all-metal check-valve. We recommend this Sprayer for those who want the best. Galvanized Tank \$6.75 each; Brass Tank \$9.75 each. Shipping weight 12 lbs.

**Brown's Auto Spray No. 50**

Made in the same manner and from the same high-grade material as No. 9. Tank is 2½-gallon capacity, which makes the Sprayer handy for women and easy to use where larger Sprayer would be inconvenient. Handles all spray liquids at high pressure. Equipped with 18-inch brass extension. Galvanized Tank \$5.90 each; Brass Tank \$8.35 each. Shipping weight 9 lbs.

*It's Double Acting*  
*The Same Spray With Half The Labor*

**Brown's Auto Spray No. 5**

Double-acting, high-pressure, all-brass pump Sprayer. Widest range of sprays, from tall trees to low plants. Complete as shown. Works in any pail or bucket. \$4.80 each. Shipping weight 4 lbs.

**Brown's No. 26AG**

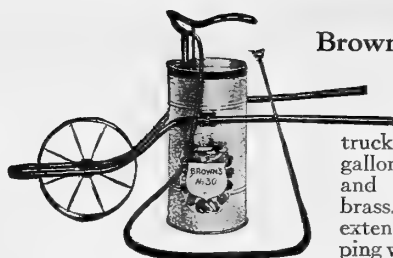
Glass tank continuous Atomizer which sprays on both up and down stroke of pump. Simple in operation, trouble-proof, and well made. Any Mason jar will fit this pump. \$1.25 each. Shipping weight 3 lbs.

**Duster Brown No. 2C**

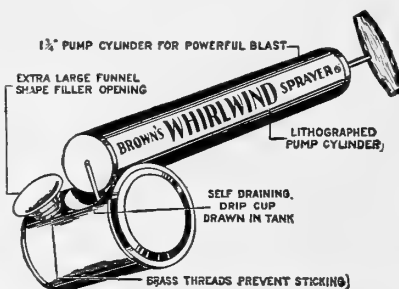
New-type direct-compression Duster. Extension tube and fan distributor for dusting under leaves. 1-quart capacity. \$1.25 each. Shipping weight 2 lbs.

**Brown's Auto Spray No. 30**

A new and very efficient, low-price, Wheelbarrow Sprayer with truck, frame, and wheel; 12-gallon capacity. Pump is brass and all valves are solid cast brass. Six feet of hose and 2-foot extension. Complete \$15. Shipping weight 43 lbs.

**Brown's Auto Spray No. 6**

A very powerful Bucket Pump generating 200 pounds pressure. Pump parts all solid brass. Handle and foot-rest malleable iron. Works on both up and down stroke and spray is easily maintained with very little effort. \$4.50 each. Shipping weight 6 lbs.

**Brown's  
Whirlwind  
Atomizer**

Strong, well-made, heavy tin, 1-quart, single-action Atomizer, with drip cup. 50 cts. each. Shipping weight 2 lbs.

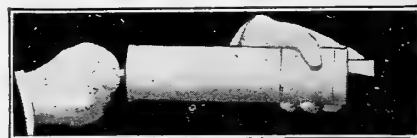
**The Robertson Compressed  
Air Sprayers**

Works easier. Lasts longer.  
Gives more powerful spray

Every Robertson Sprayer is tested separately before leaving our factory and guaranteed to work perfectly. All Sprayers have brass tubes and fittings.

Standard Size, One Quart. Shipping weight 3 lbs.

Tin Pump and Container.....	\$1 00
Tin Pump and Galvanized Iron Container.....	1 25
Brass Pump and Copper Container.....	2 25

**Wide-spreading Garden Duster**

Weight 1 lb. Price \$1; postage extra.

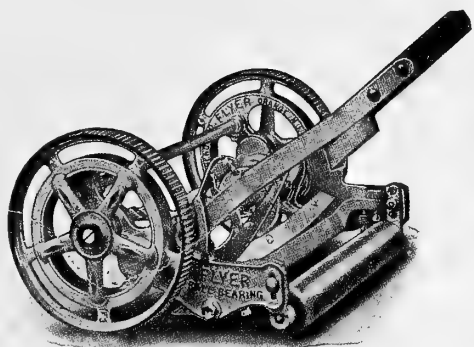
**Duster Brown No. 1**

A new, small Duster suitable for house plants, small gardens, roach powder, etc. Dust chamber 1¾ x 4 inches; gives good volume. 60 cts. each. Shipping weight 2 lbs.

Postage, Express, or Freight extra on all articles on this page



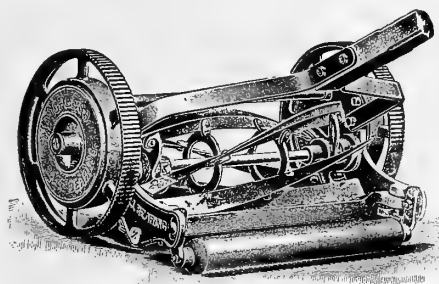
## Lawn Mowers



**Bolgiano's Flyer Ball-Bearing Mower**

The Flyer is another easy-running, ball-bearing Mower with 4 blades. It is a popular one. We have reports showing twelve years of satisfaction on this Mower.

12-in. blade.....	\$9.50	16-in. blade.....	\$12.00
14-in. blade.....	11.00	18-in. blade.....	13.00

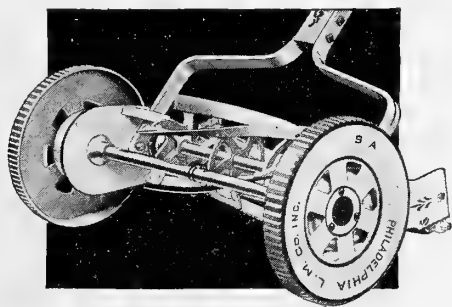


**Bolgiano's Matchless Ball-Bearing Mower**

This Mower is slightly heavier than the Orange, with same ball-bearing equipment, but has 5 blades and is a popular one on large lawns and especially where grass is very thick and overgrown.

14-in. blade.....	\$16.00	18-in. blade.....	\$19.50
16-in. blade.....	18.00	20-in. blade.....	21.00

### SOMETHING NEW



**Philadelphia Style S-A Mower**

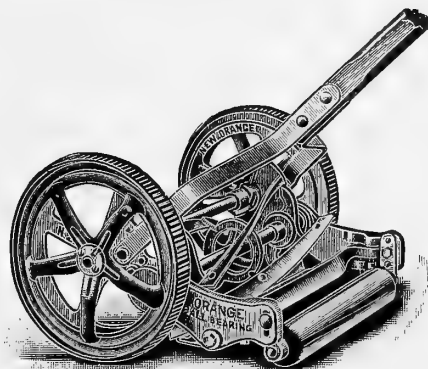
An all steel, unbreakable lawn mower. Wheels as well as cutters run on ball bearings that require no adjusting. Requires oiling but once a year. High wheels, five blades, double-edge reversible knife. No noisy ratchets, fully guaranteed.

15-inch blade.....	\$30.00
18-inch blade.....	36.00
21-inch blade.....	42.00

**Philadelphia Style S-C Mower**

An all steel, unbreakable mower. Revolving cutter runs on ball bearings that require no adjusting. Nine-inch wheels, four blades, no noisy ratchets. A mower that fills every requirement.

15-inch blade.....	\$20.00
18-inch blade.....	23.00

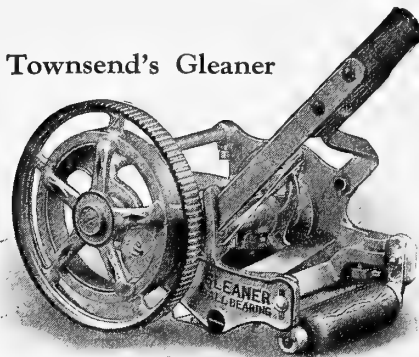


**Bolgiano's Orange Ball-Bearing Mower**

The easiest-running Mower in the world. Many of them still working perfectly after ten years and more of service. This Mower has extra-high wheels, 4 blades, and is ball-bearing. A dandy looking Mower.

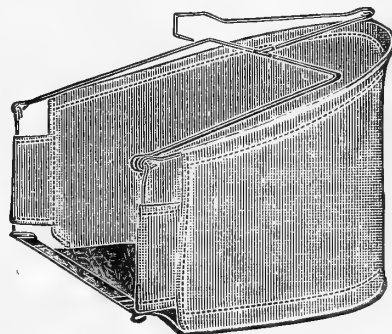
14-in. blade.....	\$15.00	18-in. blade.....	\$18.00
16-in. blade.....	16.50	20-in. blade.....	19.50

**Townsend's Gleaner**



For finishing or trimming lawns and borders. Much quicker and better than finishing by hand. This machine will cut close to shrubbery, buildings, or curbs. Made with four blades of crucible steel. Only 1/4 inch of metal between the ends of the blades and any obstruction to be cut around. Cuts 8-inch swath. \$10 each.

### Metal-Bottom Grass Catchers



**No. 1. Metal-Bottom Catchers.** 16 inches deep, made of heavy duck; heavy galvanized wire frame; adjustable steel hoops. Adjustable to mowers 12 to 16 inches wide, \$1.

**No. 2.** For mowers 16 to 20 inches wide, \$1.25. Mailing weight 5 pounds.

All prices of Mowers and Grass Catchers, f.o.b. Baltimore



### Double Rotary Sprinkler

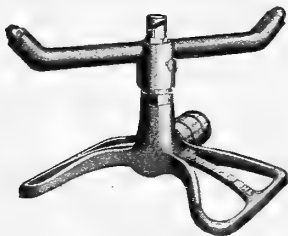
Next Best to Rain. Covers a circle up to 80 feet in diameter

The pressure of the water through the nozzle turns the duralium disc at a high rate of speed—which in turn rotates the entire Sprinkler head and the wings on the disc break up the stream of water into drops resembling rain. The swing of the rain-like wave, circling around and around, will fascinate you. Its thoroughness of sprinkling will please you. Leading landscape engineers specify the Double Rotary. The finest golf courses use them. People who care for the appearance of their lawns are using the Double Rotary in increasing numbers every year. Weight 12 lbs. \$12.50.



### Merit Sprinkler

A most popular revolving Sprinkler is the Merit, which covers a 35-foot circle. The rapidly revolving head breaks the stream into an excellent spray. A good sprinkler at a low price. Shipping weight, 2 lbs. \$1.



### Duplex Sprinkler

One of the best Sprinklers made. Meets every need of the average lawn. Covers a 50-foot circle evenly and gently. Then turn the thumb-screw one or two turns and it is a fan spray covering a fan-shaped area 20 by 15 feet. Shipping weight, 4 lbs. \$2.

### Red Rubber Plant Sprinkler

Just the thing to get up under the foliage of the plant and sprinkle it where it is mostly neglected. 10-ounce, bent, \$1.25 each. Mailing weight, 1 lb.

### March's Automatic Rain-Maker

Rain on the Square



3-ft. length, \$30; 6-ft. length, \$35; 10-ft. length, \$40; f.o.b. Baltimore.

Sprinkles up to 2,700 square feet—automatically! Just attach the hose and turn on water. Ordinary water pressure from the hose operates the hydraulic motor, turning the pipe line of nozzles as an axis. The 30-foot streams of water are swung slowly from one side over to the other in an arc of 140 degrees. Smaller arc, and therefore, smaller coverage when desired.

A few exclusive advantages of March's Automatic Rain-makers.

1. Sprinkles square areas only.
2. One does more and better work than four ordinary circular sprinklers.
3. Are quickly adjusted for watering smaller areas.
4. Gives absolutely even distribution. Leaves no dry spots or flooded portions.

### Solid Brass Sprinklers

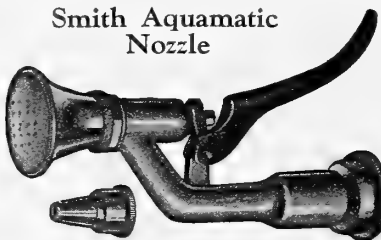
Full Circle. Weight 1 lb. 85c.  
Half Circle. Weight 1 lb. 80c.



### Saucer Spray Sprinkler

Truly the biggest, little sprinkler made. Covers a circle of from thirty to forty feet in diameter with a gentle, even spray. Has two copper sprinkling caps—one for a full circle and one for a half circle. Simple and durable in construction, easy to handle and readily cleaned. Shipping weight, 1 lb. Price 50 cts.

### Smith Aquamatic Nozzle

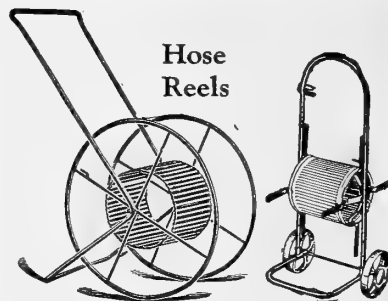


For washing automobiles, windows, buggies, floors, sidewalks, sprinkling lawns, shrubbery, flower-beds and for many other purposes. Mailing weight, 1 lb. \$1.



### Hose Nozzle

**Combination Nozzle.** A straight stream when open, or a couple of turns will make any desired spray. Mailing weight, 1 lb. 60 cts.



No. 10 Reel

No. 2 Reel

**No. 2.** All-metal, best tubular steel frame; heavy corrugated galvanized steel drum. Capacity, 100 feet of  $\frac{3}{4}$ -inch hose. \$3.25.

**No. 10.** Absolutely all-metal, tubular steel rims and frames. Diameter of rim 21 inches. Capacity 150 feet of  $\frac{3}{4}$ -inch hose. \$4.



### Germaco Hotkaps

New Method of Plant Protection

#### Make More Profit

This Amazing New Method Gets Your Crop to Market Earlier

Germaco Hotkaps can make you extra dollars this season. They protect plants from frost, wind, rain, insects and ground crusting. Thus they produce hardier, quicker crops. You get higher prices!

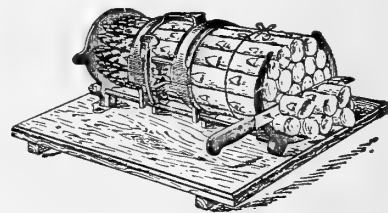
Thousands were used in 48 states last year. They cost so little that growers cannot afford to be without them.

\$1.50 per 100; \$11.50 per roll (1,000 Kaps); 5,000 Kaps at \$11 per 1,000.

Write for free pamphlet or order today.

### Hotkap Setter

Germaco Hotkap Setter, a labor-saving device for setting Hotkaps accurately and quickly into the ground. \$2.25 each. Hotkap Carriers \$2.75 each.



### Asparagus Buncher

Mailing weight, 6 lbs. \$4.50.



### Asparagus Knives

Made of Solid Steel

**No. 2500.** Fish Tail. Mailing weight, 1 lb. 40 cts.

### Pruning Shears



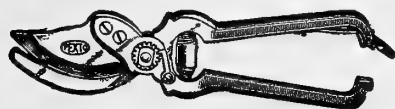
**No. R200. Genuine Rieser Pattern.** Full polished drop-forged steel. Tool steel blade, riveted on, ground convex. Steel laid hook. Double flat brass springs. Regulating ratchet nut. Removable end clip. 9-inch, \$3.50 each.



**No. R50. California Pattern.** With regulating ratchet nut. Tool-steel blade, riveted to head. Volute spring. End-fastening clip, malleable iron head and handles. 9-in., \$1 each.



**No. R165. California Pattern.** With regulating ratchet nut; tool steel blade, riveted to head. Double flat brass springs. Malleable head and handles. End fastening clip. 9-inch, full polished and nickel plated. \$2.50.



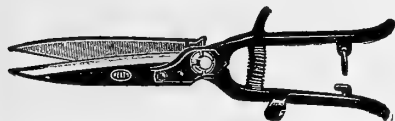
**No. R70.** \$1.60 each.



**No. 14. Ladies' Shear.** Full polished and nickel plated. Forged steel; volute spring; end fastening clip. 6-in., \$1.50 each.

**Note.**—Mailing weight on all Pruning Shears, 2 pounds each.

### Grass Shears



A practical Shear for trimming grass, light vines, bushes, etc. Blades are good quality Shear blade steel, hardened and tempered and ground. Equipped with Tension Washer. Mailing weight, 2 lbs. \$1 each.

### Stainless Grass Shear

Blade length 6 inches, overall length 12 $\frac{3}{4}$  inches. Blades are made from heavy gauge, high-carbon shear steel, hardened and tempered, bright finish. Handles are unbreakable malleable castings finished in a rich green baked enamel; copper-plated spring and clip. The serrated file edge on one of the blades is a distinctive feature. It grips the grass while the other blade is doing the cutting. The blades of the shear are held closed by a self releasing copper-plated spring latch. \$1.50 each.



### HY-LO Grass Shear

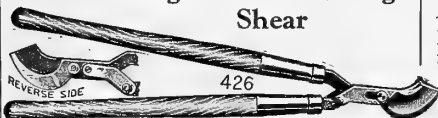
Blade length 6 $\frac{3}{4}$  inches. Fitted with a 30-inch hardwood handle in a green waxed finish. It is the only practical long-handle Grass Shear selling at a popular price, \$1.50.

### Ball-Bearing Grass Shear



A Shear that allows the hand to be held in the easiest and most natural position possible. It doesn't tire the hand, and it cuts like a razor. \$2 each. Mailing weight, 1 lb.

### No. 15 Long-Handle Pruning Shear



22-in. Handle. 28 ins. Overall

So shaped that it will work in small spaces among branches. Light weight, but strong enough for the heavy work. Both blade and hook are hardened and tempered steel forgings. Large bolt and nut with nut lock. Shanks of the forgings are hardened so that they cannot bend. Best grade ash handles. \$2.25 per pair. Mailing weight 5 lbs.

### Forged Steel Warranted Hedge Shears

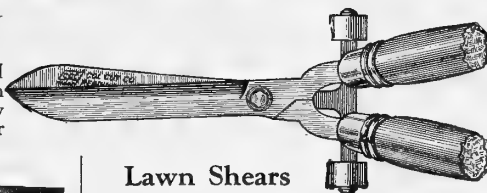
This is our Perfection Line of Hedge Shears. Blades extra ground and beautifully polished. Maple handles, hand polished, mahogany stained. Copper-plate ferrules. Riveted tangs.

#### PLAIN

7-in.....	\$1.90
8-in.....	2.10
9-in.....	2.30

#### NOTCHED

8-in.....	\$2.25
9-in.....	2.50
10-in.....	2.75



### Lawn Shears

**Long-Handle No. 1062.** With 2 wheels, 36-inch handles. Forged tool steel blades. No back bending. Mailing weight, 10 lbs. \$4 each.



### Grass Hooks

Made from special bevel cutlery steel. Blade 17 inches long, 1 $\frac{1}{8}$  inches wide,  $\frac{1}{16}$  inch thick at back tapering to keen edge. Finished in red Duco enamel. Riveted handle off-set from blade. 40 cts. each.



### Long Handle Grass or Weed Hook

Tempered blade, 13 $\frac{1}{2}$ -inch cut. Best on market. \$1 each.

### Solid Back Grass Hooks

Booth's English Grass Hooks are recognized as the highest standard of quality. Forged from crucible cast steel, they require no grinding when dull, and are easily sharpened with a scythe-stone. 75 cts. each.



### Turf or Edging Knife

For trimming edges of paths, drives, flower-beds, and borders. Half-Moon Shape, T-E. Weight, 5 lbs. \$1.25 each.



### Stainless Grass Shear

On the above articles purchaser pays transportation charges

**No. 2 Planet Jr. Edger**Weight  $3\frac{1}{4}$  lbs.

Price, \$1.75



**Evidence of care and extreme neatness are the**

great secrets of attractiveness in grounds surrounding the house. The Planet Jr. Grass Edger will edge either straight or curved work, paths, drives, open borders, or flower-beds, rapidly and beautifully.

**Waters Tree Pruner**

The favorite long-handle pruner.

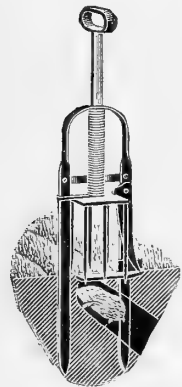
6 ft. .... \$1.60  
8 ft. .... 1.75  
10 ft. .... 2.00  
12 ft. .... 2.25  
Extra blades. .25

**Steel Mole Traps**

Will catch the moles in your garden or lawn. \$1 each. Mailing weight, 3 lbs.

**Ladies or Floral Sets**

Shovel, Hoe, and Rake. 3 F. S. \$2 each. Mailing weight, 10 lbs.

**Mattocks, Heavy Steel**

No. 424. L. C. .... \$1.25  
Handles, extra. .... .40  
M. H. 3. Light; complete. 1.00  
Mailing weight, 6 lbs.

**Spading Forks**

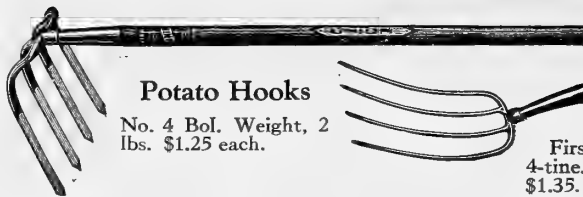
Union D-Handle, 4-prong, Z. S. A. L. D. \$1.50  
Union D-Handle, 4-prong, Y. S. A. L. D. 2.00  
Union D-Handle, 5-prong, S. S. A. D. .... 2.50  
Mailing weight, 6 lbs.



No. 300. Short Handle. .... \$0.50



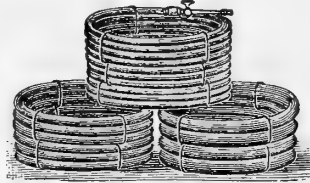
No. 400. Short Handle. .... \$0.35  
Mailing weight of Nos. 300 and 400, 1 lb. each.

**Potato Hooks**

No. 4 Bol. Weight, 2 lbs. \$1.25 each.

**Bush Hooks**

Absolutely the best steel Bush Hook made. Fully guaranteed. \$1.75. Mailing weight, 6 lbs.

**Garden Hose**

*You Don't Buy Good Hose Often (It Lasts)*

Bolgiano's (Square Deal) Moulded Cord Hose is non-kinkable and built for hardest service. Complete with couplings.

$\frac{3}{4}$ -inch, 25-ft. lengths. .... \$3.75  
 $\frac{3}{4}$ -inch, 50-ft. lengths. .... 7.00  
 $\frac{5}{8}$ -inch, 25-ft. lengths. .... 3.50  
 $\frac{5}{8}$ -inch, 50-ft. lengths. .... 6.50

Prices f.o.b. Baltimore, subject to change without notice.

**Dibbles**

Brass Point. .... \$0.90  
Steel Point. .... .75  
Mailing weight, 1 lb.

**Spades**

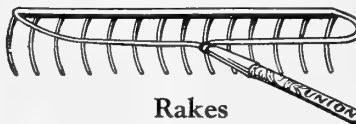
D-Handle, No. 2. Polished. \$1.75  
Long Handle, No. 452 .... 1.80  
Mailing weight, 8 lbs.

**Shovels**

Long Handle, No. 2. Polished. .... \$1.80  
D-Handle, No. 3. Polished, round point. .... 2.00  
Hollow Back Scoop, No. 2. .... 1.75  
Mailing weight, 8 lbs.

**Square Point Dirt or Coal Shovel**

\$1.75 each. Mailing weight, 8 lbs.

**Rakes**

Malleable. M. S. 14. .... \$0.75  
Steel. High-grade, bent tooth, B. 12 1.25  
Steel. High grade, bent tooth, B. 14 1.45  
Olsen Wood. (Mailing weight 4 lbs.) 1.00  
Lawn Queen. Wire. (Mailing weight, 5 lbs.) .... .90

**Manure Forks**

First quality steel, Y. S. 44 $\frac{1}{2}$ , 4-tine. Mailing weight, 4 lbs. \$1.35.

**Bamboo Lawn Rake**

Made of carefully selected bamboo, with heavy, uniform teeth, copper wired top and bottom. They have brass clamps and bolts, and polished hardwood handles. Our Bamboo Lawn Rakes are by far the best on the market and are vastly superior to the cheaper bamboo-handle rakes.

Regular size 18 in., across. .... \$1.00  
Large size, 24 in. across. .... 1.50  
Extra-large size, 30 in. across. .... 2.00

**Steel Hoes**

Weeding, No. 2 P. W. .... \$0.60  
Malleable Iron Socket. Steel blade. S. R. 7. .... .75  
Sockets. Y. S. G. 6 $\frac{1}{2}$ . .... 1.20  
Sockets. Y. S. G. 7 $\frac{1}{2}$ . .... 1.25  
Faultless. F. S. 7. .... 1.50  
Sprouting Hoe. H. G. 6-0. .... 1.00  
Mailing weight, 3 lbs.

**Raffia**

For tying asparagus and also used extensively for tying plants. Furnished in plaited hanks weighing about 2 $\frac{1}{2}$  pounds each.

Lb. .... \$0.40  
5 lbs., per lb. .... .35  
25 lbs. or more, per lb. .... .30

**Tape**

For tying Celery and Asparagus. Fast red color

Will make your products sell for much higher prices. Spools contain 1,000 yards.  
No. 1. Width  $\frac{1}{8}$  inch. \$2.50  
No. 2. Width  $\frac{1}{4}$  inch. 1.75  
Weight, 2 lbs. to spool.

**Scythes**

English Steel Waldron Grass. 34-in. \$2.50  
Silver Steel Waldron Grass. 30, 32, and 34-in. .... 1.60  
One Piece Grass, Briar Edge. 30, 32, and 34-in. .... 1.25  
One-Piece Weed, Briar Edge. 18, 20, and 22-in. .... 1.25  
Bush, No. 50. 18 and 22-in. .... 1.50  
Mailing weight, 5 lbs.

**Snaths**

Scythe Handles. With loop bolts. \$1.75  
Mailing weight, 3 lbs.

**Carborundum Scythe Stones**

No. 190. 10 $\frac{1}{4}$  in. long, 1 in. wide. \$0.25  
No. 191. 12 $\frac{1}{4}$  in. long, 1 $\frac{1}{4}$  in. wide. .30  
Mailing weight, 2 lbs.

Parcel Post, Express or Freight extra on all Implements and Sundries



### Bamboo Plant Stakes

Owing to the high cost of wooden stakes, the Bamboo or Cane Stake is being used most exclusively, in its stead and with great satisfaction. We have listed below an assortment that will fill your every need.

**Light Plant Stakes, Dyed Green.** For greenhouse work and small outdoor plants.

Height	Doz.	100	1,000
2 ft.	\$0.20	\$0.75	\$5.00
3 ft.	.25	1.10	7.00
4 ft.	.30	1.50	9.50
5 ft.	.40	1.75	11.00

**Heavy Stakes, Natural Color.** For dahlias and heavy outdoor plants.

Height	Diam.	Doz.	100	1,000
3 ft.		\$0.30	\$2.00	\$17.00
4 ft.	$\frac{5}{16}$ in.	.50	3.50	33.00
5 ft.	$\frac{3}{8}$ in.	.75	5.50	45.00
6 ft.	$\frac{3}{8}$ in.	1.00	6.50	55.00
7 ft.	$\frac{3}{4}$ in.	1.20	7.50	65.00

### Timesaver Plant Support

Made in different sizes. Placed and adjusted to height and to any size of loop almost instantly. For shrubbery, tomatoes, dahlias, peonies, roses, and most other vegetables and flowers grown out of doors.

Doz.	Doz.
30-in. .... \$0.75	5-ft. .... \$2.75
3-ft. .... 1.00	6-ft. .... 3.05
3½-ft. .... 1.45	Prices subject to change
4-ft. .... 2.20	

### Simplex Weatherproof Garden Label

The card-holder is made of special rust-proof, galvanized iron, electrically welded to an iron stake 2 feet long. The card is white celluloid, with special writing surface, protected by a transparent mica cover. Beautifully finished in dark green, baked enamel of neutral shade. Each

No. 10.  $2\frac{3}{4} \times 1\frac{1}{2}$  in. .... \$0.25

No. 11.  $3 \times 2$  in. .... .30

### Simplex Weatherproof Plant Labels

Prices, including copper wires for attaching.

	100
No. 1. $3 \times \frac{1}{2}$ in. ....	\$3.00
No. 2. $4 \times \frac{3}{4}$ in. ....	5.00
No. 3. $5 \times 1$ in. ....	7.00

### Trowels



**Steel Shank.** This is the best Trowel made. The ferrule and shank, as well as the blade, are forged in one piece, from the very best material. 8-in. \$1 each.

**Forged Steel.** The blade and shank are made of one piece of steel. Blade finely polished; rear part and shank enameled a nice blue. They are strong and stout. 5-in. blade, 70c.; 7-in. blade, 80c.

**Steel, No. 213.** Made of fine cold-rolled steel, bright blades, with malleable iron shanks, firmly riveted. 6-inch blade. 20 cts.

**Transplanting.** 5-in. blade, 20 cts.; 7-in. blade, 30 cts.

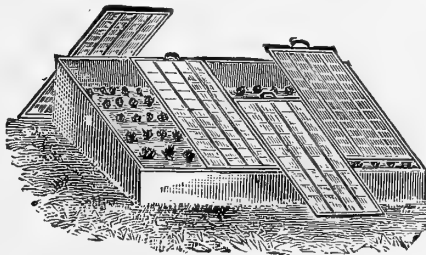
On the articles on this page, purchaser pays transportation charges

### Garden or Pot Labels

Wood, Painted	100	1,000
4-in. ....	\$0.20	\$1.50
5-in. ....	.30	1.90
6-in. ....	.35	2.40
8-in. ....	.75	6.00
12-in. ....	1.20	10.00

### Tree Labels

$3\frac{1}{2}$ -in., painted, copper wired. .35 2.50



### Unglazed Hotbed Sash

Grooved. Makes a good airtight sash by just sliding the glass in. No putty required 3 ft. 2 in. x 6 ft. To hold 28 lights. \$2.25 each; 10 at \$1.90 each; 20 at \$1.75 each.

### Hotbed Glass

8 x 10-in. Box (90 lights) \$3; 5 boxes or more, \$2.75 per box.

### Peerless Glazing Points

Will stop your glass from sliding. 75 cts. per 1,000 (2 lbs.).

### Burlap Hotbed Mats

Made of strong burlap, interlined with wool.  
Size 40 x 76 in. Single sash. .... \$2.25  
Mailing weight 10 lbs.  
Size 76 x 76 in. Double sash. .... 3.75  
Mailing weight, 20 lbs. Prices subject to change.

### Grafting Wax

$\frac{1}{4}$  lb. 20 cts.;  $\frac{1}{2}$  lb. 30 cts.; lb. 50 cts.

### Mastica

For glazing greenhouse or sash, new or old. It is elastic, adhesive, easily applied, and not affected by dampness. Gal. \$2.25. Mailing weight 8 lbs. per gal.

### Earthen Flower Pots

We carry a full line of sizes at all times.

Size	Each	Doz.	100	Size	Each	Doz.	100
2-in. ....	\$0.03	\$0.20	\$1.35	7-in. ....	\$0.18	\$2.00	\$13.50
2½-in. ....	.04	.25	1.75	8-in. ....	.28	3.00	19.00
3-in. ....	.05	.30	2.00	9-in. ....	.40	4.00	28.00
4-in. ....	.06	.45	3.25	10-in. ....	.55	5.50	40.00
5-in. ....	.08	.85	5.50	11-in. ....	1.00	10.00	80.00
6-in. ....	.11	1.25	8.00				

Earthenware cannot be packed for shipment by parcel post. Packing charges extra on Earthen Flower Pots, Earthenware Saucers, Earthen Fern or Bulb Pans. Minimum charge 25 cts.; 50 cts. per 100 up to 6-inch size; \$1 per 100 for 6-inch size and up.

### Earthenware Saucers

Size	Each	Doz.	100	Size	Each	Doz.	100
4-in. ....	\$0.04	\$0.40	\$2.75	8-in. ....	\$0.12	\$1.25	\$9.00
5-in. ....	.05	.50	3.75	9-in. ....	.15	1.50	11.00
6-in. ....	.07	.75	5.00	10-in. ....	.18	1.75	13.00
7-in. ....	.09	1.00	7.00	11-in. ....	.30	3.00	21.00

### Earthenware Fern or Bulb Pans

Size	Each	Doz.	100
6-in. ....	\$0.12	\$1.25	\$8.25
7-in. ....	.18	2.00	15.00
8-in. ....	.28	2.90	21.00
9-in. ....	.38	3.70	29.00
10-in. ....	.56	5.50	38.00

### Neponset Flower Pots

Bird's Improved Neponset Flower Pots retain the moisture. They are most satisfactory for growing, shipping, and transplanting of seedlings or plants.



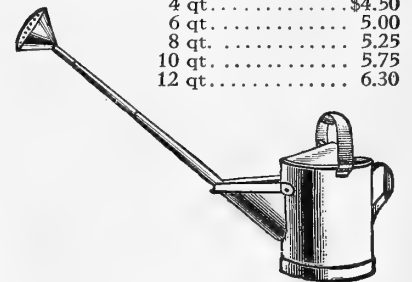
Quantity per case	Weight lb.	Doz.	100	1,000
1,000 $2\frac{1}{2}$ -in.	16...	\$0.15	\$0.60	\$4.50
1,000 3-in.	24...	.20	.75	6.00
1,000 $3\frac{1}{2}$ -in.	34...	.25	1.00	7.50
500 4-in.	23...	.30	1.50	9.00
500 5-in.	37...	.50	2.00	14.00
500 6-in.	51...	.60	2.50	19.00

### Watering Pots Galvanized Iron

4 qts. (2 lbs.).	\$0.70	10 qts. (4 lbs.).	\$1.10
6 qts. (3 lbs.).	.80	12 qts. (4 lbs.).	1.25
8 qts. (4 lbs.).	.90	16 qts. (5 lbs.).	1.50

**Wotherspoon's.** Made from best quality iron and galvanized after being made. Two copper-faced roses go with each pot for fine and coarse watering.

4 qt. ....	\$4.50
6 qt. ....	5.00
8 qt. ....	5.25
10 qt. ....	5.75
12 qt. ....	6.30

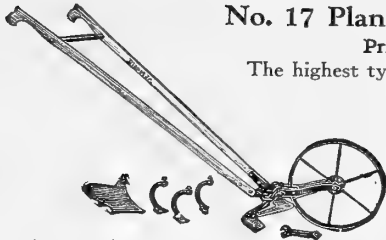


**Garden Guide.** Tells how to plan, plant and maintain the home grounds, the suburban garden, the city lot; how to grow good vegetables and fruit; how to care for roses and other favorite flowers, hardy plants, trees, shrubs, lawns, porch plants, and window-boxes. Handsome four-color cover. 384 pages. 15 planting plans. 275 teaching illustrations. Price: Paper bound, \$1.00 (\$1.10 postpaid). Cloth bound, \$1.50 (\$1.65 postpaid).

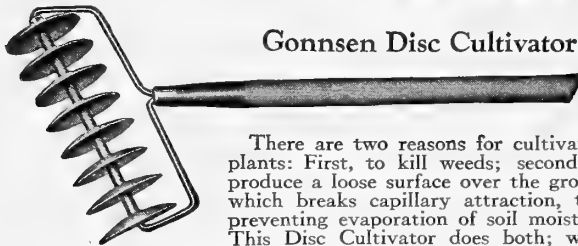
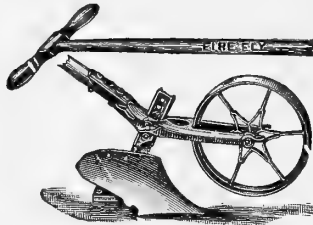
**No. 17 Planet Jr. Wheel Hoe**

Price, \$7.75

The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman, or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.

**Fire-Fly Garden Plow**

This Plow will throw a furrow 4 to 6 inches wide and 1 to 3 inches deep. It opens furrows for manure or seeds and covers them, and opens up rows for all kinds of plant-setting. Chicken-raisers find it of great advantage in plowing up their scratching-yards. \$4.25. Packed weight, 14 lbs.

**Gonnissen Disc Cultivator**

There are two reasons for cultivating plants: First, to kill weeds; second, to produce a loose surface over the ground which breaks capillary attraction, thus preventing evaporation of soil moisture.

This Disc Cultivator does both; when pulled parallel with the handle, which allows the disc to operate at an angle, it cuts the weeds off just under the surface and turns the dirt over. The dirt may be thrown toward or away from the plants. Thus, by using convex side of discs, the operator may work very close to small plants without injury to them, and it is this secret of killing weeds while small that makes the kinds of gardens that are pictured in seed catalogues.

4-Disc. For flower-gardens.....\$1.00  
8-Disc (as illustrated).....1.50

**The Out-U-Kum Weed Puller***Does the Trick*

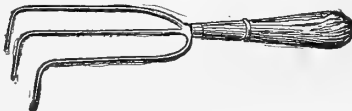
It differs from all other Weed Pullers, most of which either cut the root or grip the weed above the ground, often breaking it off above the root.

The Out-U-Kum slips down into the soil alongside the weed, loosening the soil on that side as it goes down.

It then crosses under the root, disengaging it—and is drawn up the opposite side of the weed, loosening the earth on that side and engages the head of the weed above the ground.

The now thoroughly loosened weed is easily withdrawn, root and all, with little or no clinging soil and leaving a very small hole in the lawn.

Especially effective on dandelions. Weight 2 lbs. 75 cts.

**Weeders**

**Eureka.** The favorite of all hand Weeders. Three solid steel prongs are set  $1\frac{1}{2}$  inches apart, to allow cultivating between two or more plants at once. Short handle, 60 cts. each. Larger size, 24-inch handle, 70 cts. each.



**Excelsior Finger.** This five short-prong Weeder is excellent for loosening the soil in small flower-beds, etc. 25 cts. each.

**Norcross Cultivator Hoes and Weeders**

Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose, and untrampled. The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil, from 1 to 5 inches deep, as required. Detachable steel prongs, malleable head, extra high-grade handles.

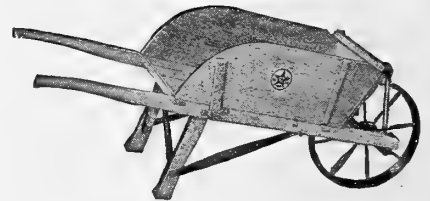
5-prong. 4-ft. handle. Weight 3 lbs.....\$1.15  
3-prong. 4-ft. handle. Weight 2 lbs......85  
Midget. 9-inch handle. Weight 12 ozs......50

**Hoffman Jr. Fertilizer Distributor***For Lawn and Garden Service*

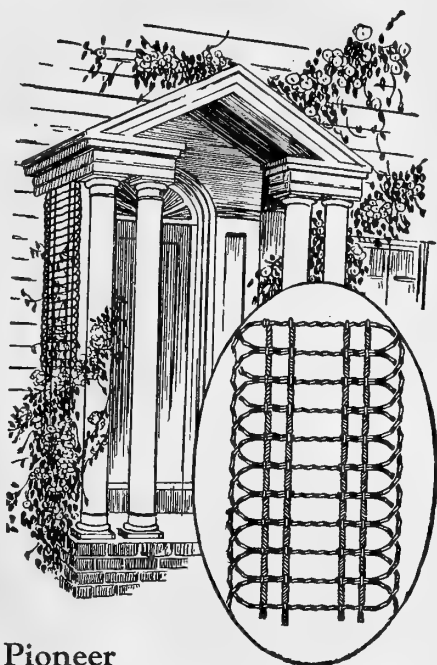
Of all-metal construction, sturdy but light, weighing only 60 pounds. It has unbreakable, four-bar, wrought-steel force-feed; ratchet-driven shaft, automatically thrown out of gear; feed adjustment— $\frac{1}{4}$  pound up to 12 pounds per square yard sowing-range; single and double-row sowing attachment; strong, light wheels, accurately figured for efficient sowing; and sheet-metal hopper, nicely proportioned to be of neat appearance and to give the proper balance for ease in operation and efficient sowing. It is just right in width to permit close work along walks, hedges, borders, and yet is sufficiently wide to permit plenty of speed in the open. Width over all 42 inches; covers about 36 inches. Capacity 100 lbs. \$26.50 f.o.b. Baltimore.

**Bolgiano's Popular Size Garden Barrow**

Bed: length inside 28 in., width  $20\frac{1}{2}$  in. at handle,  $16\frac{1}{2}$  in. at wheel. Floor boards run lengthwise to prevent warping. Side boards  $11\frac{1}{2}$  in. high. Handles  $1\frac{1}{2} \times 2\frac{1}{8} \times 4$  ft. 8 in. Wheel  $1\frac{1}{2} \times \frac{1}{4}$  in., tire 20 in. in diam. Painted red, striped and varnished. \$5.50.



Parcel Post, Freight or Express extra on all items on this page



## Pioneer Kokomo Trellis

Handsome in appearance and will hold up the heaviest vines and bushes. This Trellis will give years of satisfactory service and will add much to the appearance of your property. Tightly woven and will stay in proper position. Easily erected in any position. Fastened with ordinary staples. The ornamental weave is of No. 11 wire and the cables are No. 13 wire. All heavily galvanized.

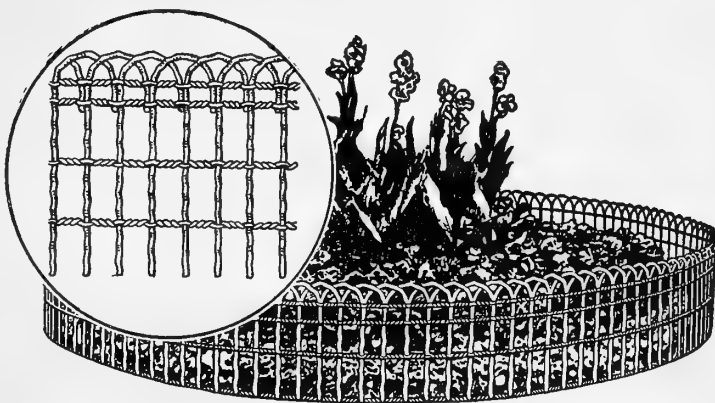
Width	Cables	Weight per ft.	Per ft
18 in.	4	.57 lbs.	\$0.08
24 in.	5	.68 lbs.	.10
30 in.	6	.79 lbs.	.13

## Pioneer Kokomo Flower-Bed Border

Protects your flowers against chickens, domestic animals, and trespassers. Beautiful in design and very substantial. No posts necessary. Simply drive the pickets into the ground. Pickets are of No. 9 wire and cables of No. 13 wire.

Height	Height above ground	Cables	Weight per ft.	Per ft.
16 in.	12 in.	3	.61 lbs.	\$0.09
22 in.	18 in.	4	.76 lbs.	.11
28 in.	24 in.	5	.92 lbs.	.12

25-ft. lengths and over, 1 cent per foot less



## The Perfecto Flower Box

This is one Box that grows beautiful flowers—inside or outside—better than in the open ground. No failures account of newly patented construction. Grows beautiful ferns. Buy one—you will buy more.

This is the only Flower-Box providing water entrance at either end, which gives proper irrigation at the roots of the growing plants. Same entrance permits free circulation of air on the bottom, which prevents souring of soil. Made of copper alloy metal and good for five years. Will not leak. Beautifully painted. Choice of three colors: Green, Ivory, or Red.

Length	Depth	Width	Weight	
20 in.	6 in.	7 in.	4 lbs.	\$1.00
26 in.	6 in.	7 in.	5 lbs.	1.50
32 in.	6 in.	7 in.	6 lbs.	2.00
38 in.	6 in.	7 in.	7 lbs.	2.50
44 in.	6 in.	7 in.	8 lbs.	3.00

Prices f.o.b. Baltimore. Can be shipped by Parcel Post or express



## Cedar Plant Tub, Durable and Attractive

F. O. B. BALTIMORE

### NEW YORK STYLE

Heavy flat steel straps, feet and handles. Body green; trimmings black.

No.	Top	Depth	Weight	Price
2	13 in.	12½ in.	13 lbs.	\$3.00
3	14½ in.	14¾ in.	15 lbs.	3.75
3½	16½ in.	15¾ in.	18 lbs.	5.00
4	19½ in.	16½ in.	21 lbs.	5.50

## Waterweight Roller

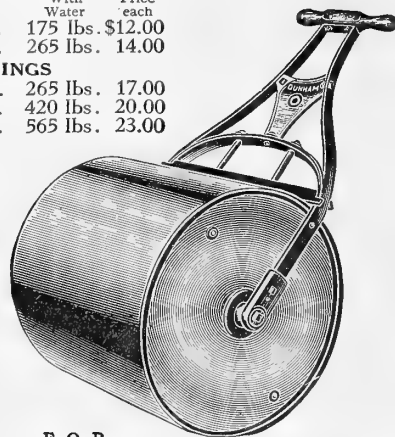
### PLAIN BEARINGS

	Diam.	Length	Weight empty	With Water	Price each
No. 2.	14	24	68 lbs.	175 lbs.	\$12.00
No. 4.	18	24	82 lbs.	265 lbs.	14.00

### ROLLER BEARINGS

No. 5.	18	24	85 lbs.	265 lbs.	17.00
No. 7.	24	24	110 lbs.	420 lbs.	20.00
No. 9.	24	32	130 lbs.	565 lbs.	23.00

Parcel Post,  
Express, or Freight  
extra on all items  
listed on this page



### RICHMOND STYLE

Galvanized wire hoops. Handles on all sizes except No. 5. Color all green.

No.	Top	Depth	Weight	Price
5	10 in.	9 in.	4 lbs.	\$0.85
7	12 in.	11 in.	6 lbs.	1.40
9	14 in.	13 in.	8 lbs.	2.00
11	16 in.	15 in.	10 lbs.	2.50



# Bolgiano's Square Deal Poultry Feeds

## SQUARE DEAL STARTING FOOD.

A scientifically balanced food containing dried buttermilk prepared for sustaining and nourishing baby chicks being fed for first five weeks.

## SQUARE DEAL GROWING MASH.

A valuable feed for developing chicks rapidly, containing carefully selected ingredients properly balanced. Begin feeding the fifth week, mixing half and half with Square Deal Starting Feed, gradually diminishing. Then use full ration of Square Deal Growing Mash.

## SQUARE DEAL BUTTERMILK LAYING MASH.

You will profit by feeding this mixture. All ingredients carefully selected and balanced to produce maximum egg production.

## STANDARD LAYING MASH.

Contains same ingredients as Square Deal Laying Mash with exception of dried buttermilk.

## SQUARE DEAL SCRATCH FEED.

A combination of carefully selected grains



properly balanced so that fowls are kept in healthy laying condition. This food contains sunflower seed.

## ECONOMY SCRATCH FEED.

This food is well balanced and produces excellent results, and has proven very profitable for the practical poultryman.

## SQUARE DEAL CHICK GRAIN.

This is carefully selected and complete food for baby chicks. It is properly balanced for promoting growth and development of bone, flesh and feathers.

## SQUARE DEAL DEVELOPING FOOD.

Start feeding this food after the fourth week; contains more protein than Square Deal Chick Grain and promotes growth more rapidly.

## SQUARE DEAL PIGEON FEEDS.

Best feeds are selected, then properly blended and thoroughly re-cleaned.

No. 2. Without wheat and corn.

No. 3. With wheat and without corn.

No. 4. With Argentine corn and without wheat.

	Prepaid 10 lbs.	Not prepaid 10 lbs. 50 lbs. 100 lbs.
Crushed Oyster Shell.....	\$0.55	\$0.25 \$0.60 \$1.00
Charcoal, Coarse, Medium, and Fine	.85	.50 1.80 3.50
Poultry Grit, Coarse, Medium, and Fine	.55	.25 .75 1.25
Pigeon Grit.....	.85	.50 1.25 2.25
Beef Scraps.....	1.00	.75 2.75 5.00
Ground Oats.....	.85	.50 1.75 3.00
Hulled Oats.....	.80	.50 2.50 4.50
Steel Cut Oats.....	.80	.50 2.50 4.50
Whole Oats.....	.65	.40 1.75 3.00
Rolled Oats.....	.80	.50 2.50 4.50
Alfalfa Leaf Meal.....	.80	.50 2.00 3.50
Alfalfa Meal (Fine).....	.65	.40 1.50 2.75
Kafir Corn.....	.80	.50 1.75 3.00
Canada Peas.....	1.00	.75 3.25 6.00
Canary.....	1.00	.75 3.25 6.00

	Prepaid 10 lbs.	Not prepaid 10 lbs. 50 lbs. 100 lbs.
Red Millet.....	\$1.00	\$0.75 \$2.75 \$5.00
Hemp Seed.....	1.10	.85 3.50 6.50
Sunflower Seed.....	1.25	1.00 4.50 8.00
Broken Rice.....	.75	.50 2.00 3.75
Square Deal Starting Food.....	.90	.60 2.50 4.50
Square Deal Growing Mash.....	.80	.50 2.25 4.00
Square Deal Laying Mash.....	.80	.50 2.00 3.50
Standard Laying Mash.....	.75	.45 1.75 3.25
Square Deal Scratch Feed.....	.75	.45 1.75 3.25
Economy Scratch Feed.....	.75	.45 1.65 3.15
Square Deal Chick Grain.....	.80	.50 2.00 3.50
Square Deal Developing Food.....	.80	.50 2.00 3.50
Square Deal Pigeon Feed No. 2.....	.80	.50 2.25 4.00
Square Deal Pigeon Feed No. 3.....	.80	.50 2.00 3.85
Square Deal Pigeon Feed No. 4.....	.80	.50 2.00 3.80

Postpaid prices apply to Maryland, Pennsylvania, New Jersey, Delaware, West Virginia, and Virginia.  
Prices subject to market changes

## The Leading Poultry Litter

Used by most professional poultrymen. Absolutely sanitary—preventing disease and maintaining clean, dry scratching-floors.

Decidedly economical—it is unnecessary to clean the chicken coop more than once or twice a year.

Many other advantages. Let us tell you about them. \$3.50 per bale, f.o.b. Baltimore.



## POULTRY LITTER

This is the large, whole biscuit for the mature dog.

2-lb. pkg.....	\$0.40
4-lb. pkg.....	.70
25-lb. bag.....	3.00
50-lb. bag.....	5.00
100 lbs. in bags.....	10.00

## Champion Puppy Meal

This food is similar to Kibbled but it is ground finer for the pup just weaned and up to three or four months of age.

1½-lb. pkg.....	\$0.30
25-lb. bag.....	3.00
50-lb. bag.....	5.00
100 lbs. in bags.....	10.00

## Champion Dog Biscuit

## Champion Kibbled Dog Food

This is exactly the same as the whole biscuits excepting that it is broken into small pieces for convenience in feeding.

5-lb. bag.....	\$0.75
25-lb. bag.....	3.00
50-lb. bag.....	5.00
100 lbs. in bags.....	10.00

## Champion Puppy Biscuit

This is the small, thin biscuit made especially for the small dog and the growing pup.

1½-lb. pkg.....	\$0.30
25-lb. bag.....	3.00
50-lb. bag.....	5.00
100 lbs. in bags.....	10.00



TRANSPORTATION CHARGES EXTRA

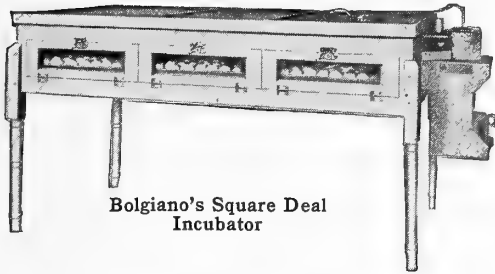


# Bolgiano's Incubators and Brooders

## Bolgiano's Square Deal Incubators

Approved by the National Board of Fire Underwriters. With such improvements as patented egg-turning trays, copper hot-water heating system, automatic heat-control, safety lamp, and perfected insulation. We can assure poultrymen larger and stronger baby chicks. Write for detailed descriptive booklet.

85-Egg Capacity.....	\$16.50	400-Egg Capacity.....	\$44.50
150-Egg Capacity.....	24.00	600-Egg Capacity.....	65.00
250-Egg Capacity.....	31.50	F. O. B. Baltimore	



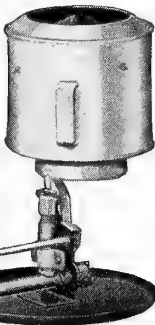
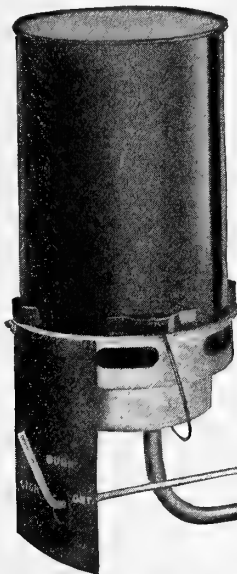
Bolgiano's Square Deal Incubator

## Square Deal Coal Burning Brooders

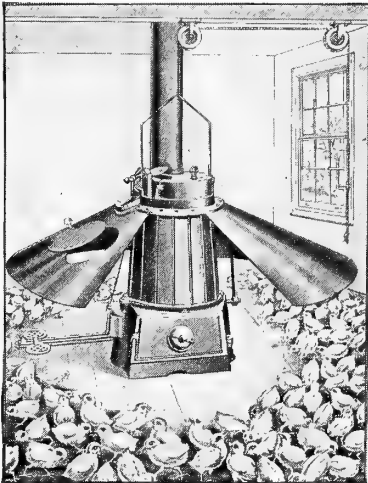
This Brooder is gas-proof. The automatic regulator is very simple, consisting of a damper operated by two powerful thermostats. It is self-regulating and requires very little attention.

	No. 11 Capacity 500 chicks	No. 22 Capacity 1,000 chicks	No. 33 Capacity 1,200 chicks
Height of Stove.....	22 in.	25 in.	27 in.
Diameter of Cylinder.....	10 in.	11 in.	13 in.
Diameter of Hover.....	42 in.	52 in.	56 in.
Diameter.....	9 in.	10 1/4 in.	11 1/2 in.
Height of Hover from Floor.	8 1/2 in.	11 in.	13 in.
Shipping weight.....	78 lbs.	100 lbs.	122 lbs.
Price.....	\$14.75	\$18.50	\$22.50

F. O. B. Baltimore



Square Deal Oil Burning Brooder

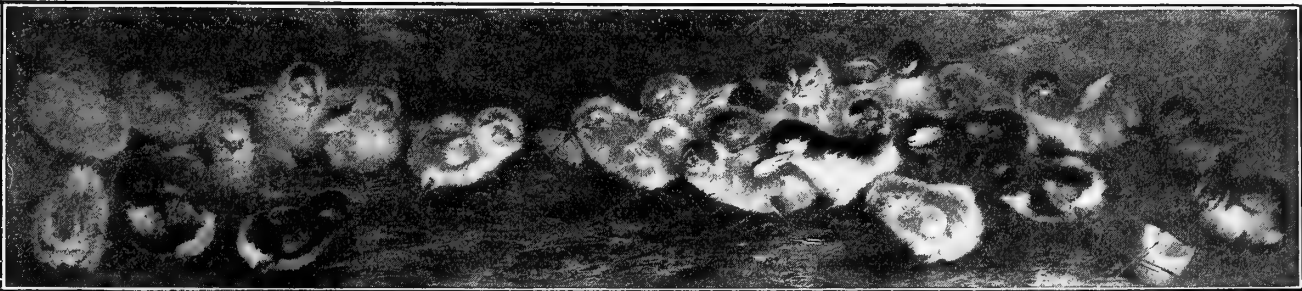


Square Deal Coal Burning Brooder

## Square Deal Oil Burning Brooders

This Brooder is safe and easy to operate, consisting of only three parts—hover, burner and tank. Capacity of tank 1 gallon which will burn 24 hours. Write for detailed descriptive booklet.

350 chick size, 42-in. canopy.....	\$12.50
500 chick size, 52-in. canopy.....	13.75
F. O. B. Baltimore	



# Bolgiano's Day-Old Chicks

100 per cent live delivery guaranteed

Hatching season March 1 to June 30

Prices postpaid

Prices subject to change

	25	50	100	500		25	50	100	500
Single-Comb White Leghorns..	\$4.75	\$9.00	\$17.00	\$80.00	White Plymouth Rocks.....	\$5.25	\$10.00	\$19.00	\$90.00
Single-Comb Rhode Island Reds.	5.00	9.50	18.00	85.00	White Wyandottes.....	5.25	10.00	19.00	90.00
Barred Plymouth Rocks.....	5.00	9.50	18.00	85.00					

All Chicks sent by parcel post, cash with order. Book your order early

## Poultry Supplies and Equipment

### SPIR-OL LEG BANDS



For Poultry and Pigeons

Made of celluloid in ten colors. Five sizes

	Doz.	25	50	100
Baby Chicks or Pigeons.....	\$0.10	\$0.20	\$0.35	\$0.50
Mediterranean, American, and Asiatic.....	.15	.30	.50	.75

Postpaid

### Champion Adjustable Leg Bands

These Bands are made in one piece, numbered and adjustable to fit any fowl. Postpaid, 15 cts. per doz.; 25 cts. for 25; 45 cts. for 50; 75 cts. per 100.

### Caponizing Sets

Complete, with instructions, in velvet-lined case. \$2.75, \$3, \$3.50, \$4, and \$5 postpaid.



### Perfect Poultry Punch

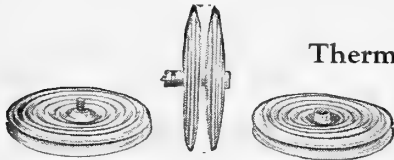
Makes a good clear cut and does not mutilate the web. Postpaid, 55 cts. each.

### Medicated Nest-Eggs

They contain a powerful disinfectant which will drive out lice and vermin. 6 cts. each; 60 cts. per doz., not prepaid. Mailing weight 2 lbs. to dozen.

### Opal or China Nest-Eggs

3 cts. each; 25 cts. per doz., not ppd. Mailing weight 1 lb. to doz.



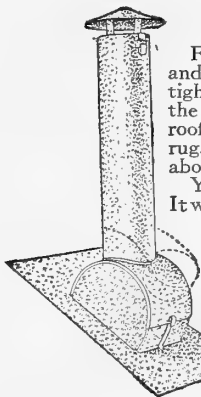
### Thermostat Wafers

For incubators and brooders. This double wafer has a solid post between the two units, making each unit separate and independent of the other, so that should one of the units become damaged the other would continue to function, thus giving double protection.

	Each		Each
3-in. size.....	\$0.50	5-in. size.....	\$1.00
4-in. size.....	.75		Postpaid

### Square Deal Water Glass

Put your eggs down in spring and summer, when they are cheap. One gallon makes sufficient solution for 50 dozens. Qt. 30 cts.; gal. \$1, not postpaid. Qt. weighs 4 lbs.



### Adjustable Roof Saddle

For coal-burning brooders, simple, durable, and easy to attach. Makes a perfectly water-tight and fireproof job where pipe goes through the roof, regardless of style of roof or kind of roofing material. Each outfit is packed in a corrugated fiber carton complete; shipping weight, about 15 pounds.

You can raise your chicks easier and better! It works perfectly and looks neat on any building.

D-142. Price \$1.95 f.o.b. Baltimore.

### X-Ray Egg-Tester

These testers are very practical where a small number of eggs are to be tested. It will illuminate the interior of the egg and show if chick is alive. 35 cts. each, postpaid.

### Incubator and Brooder Thermometers

**Tycos Brooder Thermometer.** Very accurate and very easy to read with white filled figures on black metal. 75 cts. each.

**Tycos Incubator Thermometer.** Mercury filled; approximate temperature range 90° to 110° F. Price without Stand, 75 cts.; with Stand, \$1.25, postpaid.

On all articles on this page not marked postpaid, purchaser pays transportation

### VIO-RAY



Vio-Ray is the ideal material for use in brooders and laying houses, barns, etc.

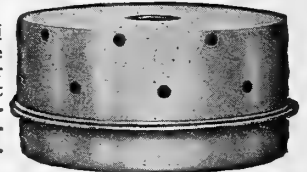
Practically unbreakable. Easy to use. Vio-Ray is weather-proof and cold proof. It permits the short rays of the sun, the health-giving rays, to pass through, an advantage not possessed by ordinary window glass. The short rays of the sun help prevent leg weakness.

Also very good for use on coldframe and hotbed sash.

Vio-Ray is put up in rolls 100 feet long and 3 feet wide. We cut any length you want. 16 cts. per sq. ft.; full roll \$45.

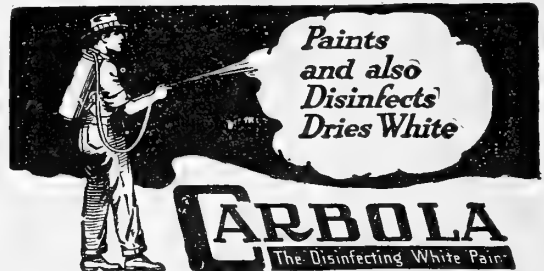
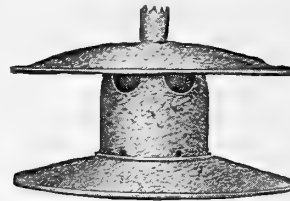
### Putnam Stove

Very satisfactory when used under drinking-vessels in the poultry-house to keep the water from freezing in the coldest weather. Used also as the heating element for a Putnam home-made oat-sprouter. \$1.95 each. Mailing weight 3 lbs.



### Brooder Stove

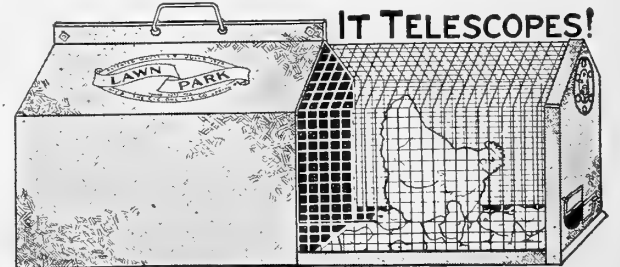
Handles small flocks most efficiently. Very inexpensive to operate. Complete directions with each stove. This is used to heat a home-made brooder, which will take the best of care of from 30 to 60 chicks. \$4.75 each.



Paints  
and also  
Disinfects  
Dries White

**CARBOLA**  
The Disinfecting White Paint

Use Carbola in poultry-houses, dairy-barns, vegetable- and flower-gardens, hog-pens, sheep-sheds, stables, cellars, garages, and factories. 5 lbs. 75 cts.; 10 lbs. \$1.25; 50 lbs. \$5.



### Lawn Park Coop

The wire park slides in and out, an ideal Coop for both hen and chicks. Shipping weight, 20 lbs. \$3.50 each.

## FOUNTAINS



### Oakes' Sani-Thermo Fountain

Keeps water warm or cool—easy to fill and clean

Here's the most modern method of supplying poultry with satisfactory drinking-water at all times. It insures sanitary, healthy water, regardless of season or location and keeps the water warm in winter and cool in summer. No lamps to bother with and no expense! The ingenious arrangement of the Oakes' Sani-Thermo Fountain holds the water at the right temperature for a long time. Made of galvanized iron. Top-filled, making it easy to fill and clean.

Heavy wire handle makes Fountain easy to move. Conical top keeps fowls from roosting on fount. Well insulated. Made in three sizes.

Capacity	Weight	Price
2 gals.	27 lbs.	\$4.00
3 gals.	30 lbs.	4.50
5 gals.	38 lbs.	5.50

### Mason Chick Server

This Server works automatically with feed or water. Fill a one-quart Mason fruit jar, screw the base to its place, then it is ready for business. Chicks cannot get wet. 15 cts. each; ppd. 20 cts.



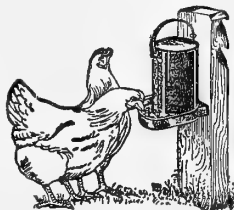
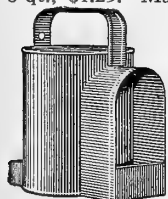
### Delphos Chick Fount

A sanitary, indestructible Fount that is a convenience to chicken-raisers. Holds one gallon.

To fill, pull top off base and turn can upside down and fill. Push base on and invert. The pressure of the air, together with the two springs, holds the weight of the water and Fount may be carried by the handle on top without fear of spilling contents. 60 cts. each. Mailing weight, 2 lbs.

### Keystone Fountain

These Fountains will keep your stock supplied with clean water at all times at a very little trouble to you. They are made of heavy material and galvanized; superior workmanship; easy to clean; easy to fill; pan hinged to tank. 1-qt. size, 40 cts.; 2-qt., 65 cts.; 4-qt., 85 cts.; 8-qt., \$1.25. Mailing weights, 1, 2, 3 and 4 lbs.



### Heavy Wall Fount

These are made of No. 28 gauge steel and are much better and stronger than most other fountains of this style now on the market. A hood over the trough prevents dirt from getting into water. 2-qt. 60 cts.; 4-qt. 75 cts.; 8-qt. 95 cts. Mailing weights, 2, 3, and 4 lbs.

### Capacity Fountain

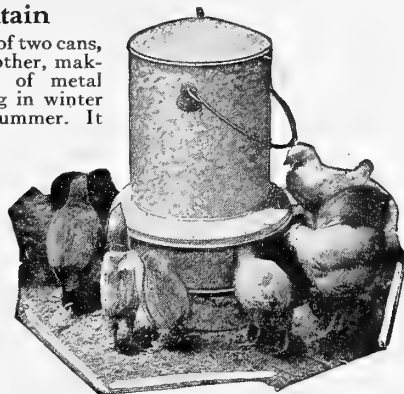
This Fountain consists of two cans, one telescoping into the other, making a double thickness of metal which will retard freezing in winter and keep water cool in summer. It has drinking-space all around and is filled from the top, which is cone-shaped to prevent fowls from roosting on the Fountain.

Used with stand for growing fowls, or can be used without stand for baby chicks. By getting this Fountain and the D-43 Heater, you have a Fountain that can be used throughout the year. This is a

dandy Fountain for large flocks of baby chicks as it does away with the bother of handling a lot of jar founts or other small waterers.

D-9. 5-gal. Packed one in a box. Shipping weight, 12 lbs. . . \$3.75

D-9A. 5-gal., with Heater. Packed one in a box. Shipping weight, 20 lbs. . . 5.50

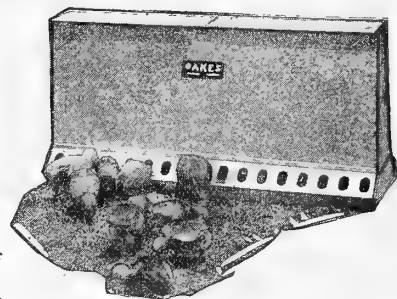


### Leader Fountain

A new sanitary Fountain, practical to use and easy to keep clean, made in two pieces which telescope. This Fountain has two drinking-spaces, making it very convenient for large flocks, and holds 3 gallons of water. They can be hung on the wall or placed on a stand, are well made of good material and are a distinct saving of from 30 to 40 per cent over any Fountain of its size. \$1.50 each. Mailing weight, 6 lbs.

### Capacity Feeder

The greatest Chick-Feeder you ever saw to save time, labor, and feed. Has 50 feeding-spaces; wires extend into the hopper so that chicks, in eating, shake down the mash and prevent clogging. The gabled top is hinged to lift back to make filling easy. Capacity about 35 pounds of mash. Length, 30 in.; height, 12 in.; width at bottom, 11 in. Weight, 15 lbs. \$4.30.



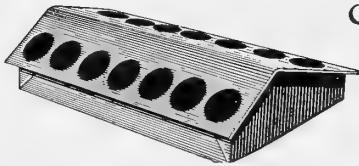
### Round Baby-Chick Feeders

Insures pure food for the baby chicks. A great feed-saver, as the little chicks cannot get into it and contaminate the feed. Cannot be upset. Can also be used for water or milk. This is a practical, well-made feeding-device that will last for years. Manufactured in two sizes.



No. 11. 6-in. diam., 8 feeding-holes. 10 cts. each.

No. 12. 8½ in. diam., 12 feeding-holes. 20 cts. Postage, 7c. extra.

**Chick Feed-Troughs**

These Troughs are very convenient for feeding flocks of growing chicks. They are made on a half-circle so that every bit of feed can easily be eaten out of them.

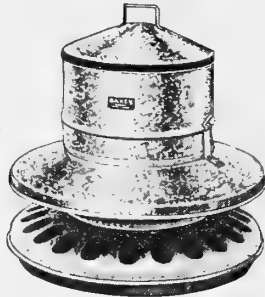
Made in three sizes

12-in., 16 holes. Mailing weight, 1½ lbs.	\$0.20
18-in., 26 holes. Mailing weight, 1¾ lbs.	.30
24 in., 34 holes. Mailing weight, 2 lbs.	.40

**Round Chick Hopper**

A very popular, practical, durable Hopper, made of galvanized steel. Cone keeps feed from clogging. Holds 1 peck.

Height, 12 inches; diameter of Hopper, 8 inches; diameter of pan, 12½ inches. Weight, 4 lbs.



No. 56  
\$1.25

**Shell and Grit Box No. 9**

Grit, shell, and charcoal have now become a recognized essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive compartment boxes. Made of galvanized iron. Mailing weight, 4 lbs. 80 cts.

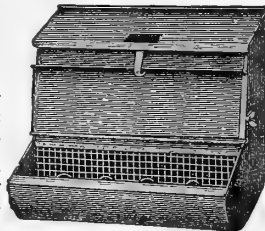
**The Improved Mash Hopper**

The Improved Handy Hopper is made of galvanized iron throughout. It is provided with hinged lid over both hopper and trough, making it rat- and mouse-proof, as well as dirt-proof.

It is provided with a swinging front, adjustable to suit any kind of dry mash, and which eliminates any possibility of clogging.

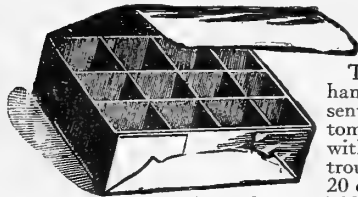
No. 1. 12 in. long.	\$1.70
No. 2. 18 in. long.	2.10
No. 3. 24 in. long.	2.60
No. 4. 36 in. long.	3.90

Mailing weight, 6, 8, 12, and 16 lbs.

**Square Deal Egg-Boxes**

This is an ideal Box for handling retail egg trade, presenting the goods to the customer in an attractive package with the minimum amount of trouble to the seller. 1 doz. size, 20 cts. per doz.; \$1.35 per 100;

\$2.75 per package of 250; \$10 per 1,000.  
Mailing weight, 2 lbs. per doz.; 12 lbs. per 100.

**Master Breeder Chick-Box**

The Master package is designed for comfort and safety of contents. It is protective, roomy, handsome, a safe, suitable "Pullman Car" for the fluffy youngsters within.

Size	Each	Doz.
25 Chicks, 11 x 9 x 5½	\$0.20	\$1.60
50 Chicks, 18 x 11 x 5½	.25	2.25
100 Chicks, 22 x 18 x 5½	.30	3.00
25-chick size weighs 12 lbs. per doz.; 50-chick, 16 lbs.; 100-chick, 30 lbs.		

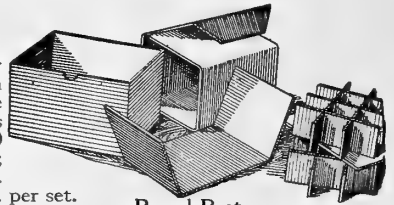
**Corrugated Parcel Post Egg-Boxes**

Size	Each	Doz.	Size	Each	Doz.
1 doz. (8 lbs.)	\$0.08	\$0.90	5 doz. (24 lbs.)	\$0.22	\$2.40
2 doz. (12 lbs.)	.11	1.20	6 doz. (28 lbs.)	.26	2.90
3 doz. (16 lbs.)	.15	1.65	10 doz. (40 lbs.)	.31	3.10
4 doz. (21 lbs.)	.19	2.10			

**Egg-Case Fillers**

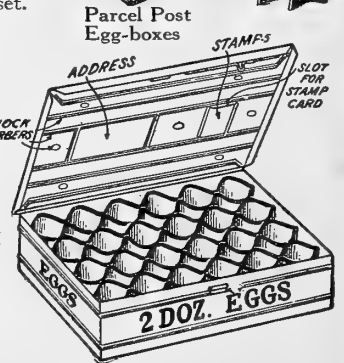
Cardboard Fillers for the ordinary 30-dozen market case. Come packed in cases of 10 sets per case (100 fillers 80 flats) for \$1.50 per case; less than case, 20c. per set.

Mailing weight, 4 lbs. per set.

**Metal Egg-Crates**

This is the New Model with the metal-edged filler. It solves every problem of shipping eggs and other products by mail. No wrapping is required. A permanent lock-pin that does not loosen holds the lid rigidly close.

For Eggs Only	Not Ppd.	Postpaid
Capacity	Each	Each
1½ doz.	\$1.25	\$1.35
2 doz.	1.50	1.60
3 doz.	1.75	1.90
4 doz.	2.00	2.15
6 doz.	2.50	2.65

**Combination Metal Crates**

New Model. For shipping butter and eggs by parcel post

	Capacity	Each	Not Postpaid	Postpaid
No. 1.	2 lbs. butter and 1 doz. eggs	\$1.50	\$1.50	\$1.60
No. 2.	4 lbs. butter and 2 doz. eggs	2.00	2.00	2.15
No. 3.	4 lbs. butter and 3 doz. eggs	2.25	2.25	2.40
No. 4.	6 lbs. butter (3 2-lb. containers)	2.25	2.25	2.40
No. 5.	12 lbs. butter (3 4-lb. containers)	2.50	2.50	2.65

**Anderson's "Hatchanegg" Box**

Specially made for shipping valuable eggs for hatching.

	Not Postpaid	Doz.	Postpaid	Doz.
15-egg size	\$0.35	\$3.50	\$0.45	\$3.90
30-egg size	.45	4.75	.55	5.35

**Perfect Poultry Marker**

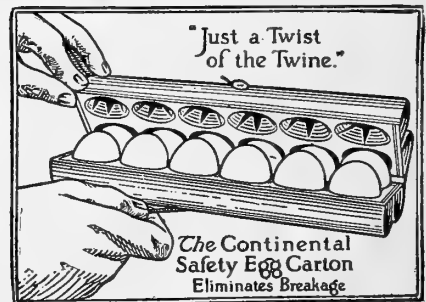
The best little Chick Marker ever made. Small and convenient to carry in the pocket. 30 cts. postpaid.

**Lever Punch**

The best Punch of all. Cuts clean; practically no bleeding. 55c. postpaid.

**Safety First**

Pack them in Continental Safety Egg Cartons and cut out breakage—half your profit goes that way. They are neat and unique, clean and convenient. 25 cts. per doz.; \$1.60 per 100; \$3.75 for 250; \$14.25 per 1,000.  
Mailing weight, 2 lbs. per doz.



On all articles not marked postpaid, purchaser pays all transportation charges





## We Sell and Recommend Burrell-Dugger Guaranteed Poultry Remedies



### DON SUNG Makes Hens Lay!

We Guarantee You More Eggs or No Pay

"Hens won't lay in fall and winter," used to be accepted as a fact. But anyone who has tried Don Sung knows that hens will lay right through the zero spells of winter, and all other cold or wet seasons.

Some may doubt this—and you may be one of them—but if you don't at least try Don Sung, you are missing some sure, easy profits from extra eggs.

#### A Mineral Compound that Scientifically Helps Nature

Don Sung doesn't force or hurt the hen in any way. It is a balanced mineral conditioner that improves the hen's health, tones up her egg-laying organs, and makes her stronger and more productive. It helps supply, during fall and winter, those mineral elements, lacking in the feed at that time.

**Costs Nothing to Try.** Give Don Sung to 15 hens for 30 days. If it doesn't show you a big increase in eggs, if it doesn't pay for itself

and a good profit, your money will be promptly refunded. Trial size, 50 cts.; large size, \$1 (holds 3 times the 50-ct. size); special size (6 times the \$1 size) \$5.

#### To Kill Chicken Lice!

The U. S. Department of Agriculture says, "Nothing is as satisfactory as Sodium Fluoride. It kills both old and young lice, including the young which hatch from the eggs present on the fowl at time of treatment." Talcimized Sodium Fluoride is the form for poultrymen to use. Here it is, ready to use.

Here is T. S. F., specially made for poultry. It is less irritating, and is so light and fluffy that it penetrates the plumage. It is in a handy sifter-top can that keeps it protected. Carries the Government's directions for use by the "dusting," "dip" and "pinch" method.

#### Prices of T. S. F. Delivered

Small size (enough for 40 chickens).....\$0.40  
Large size (twice as much)... .70  
Special size (five times the large size)..... 2.65

All these prices include packing and postage.

**TALCIMIZED  
SODIUM FLUORIDE**  
(Called "T.S.F.")

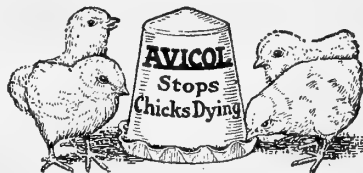
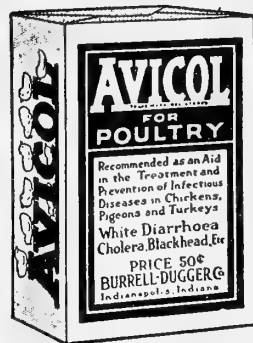


**Stops Chicks dying. The wonder remedy for White Diarrhea or Cholera in Chicks, and Black-Head in Turkeys.**

**Does work in 48 hours.**

White Diarrhea kills half of nearly every hatch of chicks. The strange thing is that so many people think this loss can't be stopped. But it can be stopped, without extra work, without troublesome dosing, and at almost no cost. For years thousands have saved their sick chicks and raised nearly every chick in every hatch, by keeping Avicol in the drinking water.

Avicol is a bowel anti-septic. It makes chickens healthy and keeps them healthy. Costs less than a cent a day for an ordinary flock. Guaranteed. 50c.; large size (almost 3 times as much) \$1.



## Roup-Over

"The Over-Night Roup Remedy"

**A New Prompt and Positive Guaranteed Treatment for Roup, Canker, and Colds in Poultry**

Roup works fast. It usually begins with a cold. After that, the disease progresses rapidly. It is very contagious and can soon kill every chicken you own. Roup is one of the most serious of poultry diseases.

**Keep Roup-Over on hand** and at the first symptoms of a cold in your flock, give it to every affected bird. It clears the air passages and brings relief with magic quickness. Easily given. Comes in liquid form and a few drops does the work. Fully guaranteed. 50 cts.; large size \$1 (3 times 50-ct. size).

#### For Gapes in Chickens

When gapes starts in your flock, get the best of it promptly or it may kill all your chicks. Get Trakol and watch it quickly master the situation. Easily given in the drinking water. Guaranteed. 50 cts.

**Trakol**  
For Gapes  
In Chicks



## Have a Conkey Corner in Your Poultry House

You get profit from your poultry only when your birds are in good productive health—when you keep disease out of your flock. We sell CONKEY'S POULTRY AND STOCK REMEDIES because we know they are absolutely reliable and we back every Conkey package with our guarantee, "Your money back if you are not satisfied."

**Conkey's Roup Remedy.** World famous for Roup. 30 cts., 60 cts., \$1.20, postpaid. 5-lb. cans \$5.75, postage extra.

**Conkey's Canker Special.** A very efficient remedy. 50 cts., postpaid.

**Conkey's Cholera Remedy.** 25 cts. and 50 cts., postpaid.

**Conkey's Sorehead Remedy** (Chicken-pox). An excellent treatment. 30 cts. and 55 cts., postpaid.

**Conkey's Bronchitis Remedy.** 50c., postpaid.

**Conkey's Poultry Tonic.** Good for all your birds. Pkgs. 25 cts. and 50 cts. Pails (12 lbs.) \$1.60; 25 lbs. \$3. Express not paid, postage extra.

**Conkey's Lice Powder.** Pkgs., 5-oz. 20 cts.; 15-oz. 35 cts.; 48-oz. 50 cts. Postage extra.

**Conkey's Lice Liquid.** Qt. 60 cts.; 2 qts. 90 cts.; gal. \$1.50. Express not paid.

**Conkey's Noxide.** Disinfectant for homes, poultry-yards and farms. Pt. 50 cts.; qt. 80 cts.; 2 qts. \$1.30; gal. \$2. Not ppd.



**Conkey's Sulphur Candles.** 20c. each, ppd.  
**Conkey's Fly Knocker.** Invaluable for the dairyman, stockman, farmer, and owner of live stock. Horses can't work, cows can't give milk rich in butter fat, if flies pester them all day long. Spray Conkey's Fly Knocker about the home and around the stables, and it will chase these wicked pests. Qt. 60 cts.; 2 qts. 90 cts.; gal. \$1.50. Express not paid.



**Conkey's Head Lice Ointment.** Saves chicks from big, murderous head-lice. 10c. and 25c., postpaid.

**Conkey's Gape Remedy.** Saves chicks from choking, gape worm. 30 cts. and 55 cts., postpaid.

**Conkey's Limber-Neck Remedy.** 50 cts.; postpaid, 55 cts.

**Conkey's Poultry Worm Remedy.** 30 cts., postpaid.

**Conkey's White Diarrhea Remedy.** For this contagious chick disease. 30 cts. and 60 cts., postpaid.

**Conkey's Poultry Conditioner.** For rapid conditioning. 30c. and 55 cts., postpaid.

**Conkey's Lice Fix** (Ointment). Easy to apply. Sure in results. 25 cts. and 50 cts., postpaid.

**Conkey's Blackhead Remedy.** 55 cts. postpaid.

**Conkey's Scaly Leg Remedy.** 25 cts. postpaid.

There is a special Conkey remedy for each curable poultry disease



## Pratt's Remedies

Postage extra and must be included when remitting  
Parcel Post Table, see page 79

### Pratt's Poultry Regulator



Healthy stock and lots of eggs, the two big things in poultry-raising, are made certain by giving Pratt's Poultry Regulator. It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting birds in condition for heavy egg-laying or winning blue ribbons. Pkgs. 25 cts. and 50 cts.; 12-lb. pail, \$1.65; 25-lb. pail, \$3.



### Pratt's White Diarrhea Remedy

To protect your chicks from white diarrhea, the most destructive of all chick diseases, it is only necessary to give Pratt's White Diarrhea Remedy in the drinking-water from the first drink. This remedy has saved many dollars' worth of chicks for poultry-raisers. You can depend on it. 25 cts. and 50 cts.

### Pratt's Roup Remedy

Don't let Roup cut your profits. The sure and easy "ounce of prevention" against this dangerously contagious disease is Pratt's Roup Remedy.

Quickly absorbed by the blood, purifies the system, reduces fever, allays inflammation. The safe remedy for roup, colds, catarrh and all bad-weather diseases. Tablets or Powder, 25 cts. and 50 cts.



### Pratt's Powdered Lice-Killer

Effective; non-poisonous; non-irritating. May be used wherever a powder is suitable. A splendid deodorizer. Will kill lice on horses, cattle, dogs, cats and plants. 12 cts., 25 cts., and 50 cts.

### Pratt's Condition Tablets

A "bracer" for over-worked, rundown poultry. Keeps show birds in the pink of condition; puts flesh on thin birds; prevents colds, roup and liver troubles. We guarantee this remedy to satisfy you or refund purchase price. 25 cts. and 50 cts. a box.



### Pratt's Gape Remedy

An unfailing guaranteed remedy for Gapes. If used in the drinking-water from the start until the chicks are four weeks old, gapes will be practically unknown. 25 cts. and 50 cts.

### Pratt's Poultry Disinfectant

A germicide and louse and mite eradicator. Three times as powerful as carbolic acid. Doesn't burn or irritate; safe to handle; lowest in price. Besides its use in the poultry-yard, it is an admirable household antiseptic and deodorant. Qt. 55 cts.; 2 qts. 90 cts.; gal. \$1.50.



### Lee's Germozone for Poultry

Cures roup, colds, canker, chicken-pox, sore head, swelled head, cholera, and bowel trouble

Germozone is peculiarly adapted to all these troubles because it may be administered either externally or internally for poultry according as the case may require. Germozone is antiseptic and healing and has the important property of counteracting, in the chicken's crop, much or all of the musty or poisonous matter which will cause trouble later. Germozone comes in liquid form with full directions in each package. 40 cts. and 75 cts.

### Other Remedies

**Pratt's Bronchitis Remedy.** 25 cts. and 50 cts.

**Pratt's Scaly Leg Remedy.** 30 cts. and 60 cts.

**Pratt's Germothol Bottles.** 30 cts. and 60 cts.

All prices on this page F. O. B. Baltimore, unless otherwise noted. Parcel post table, see page 79

Read Carefully Before Ordering

Parcel Post Shipments

We ship by Parcel Post to any post office in the United States, and prepay the postage at postpaid prices as quoted in this catalogue. "By mail postpaid" means we pay the postage. "Not prepaid" means you pay the cost of transportation.

Parcel Post Rates

POUNDS	LOCAL	First Zone, 1 to 50 Miles.	Second Zone, 50 to 150 Miles	Third Zone, 150 to 300 Miles	Fourth Zone, 300 to 600 Miles	Fifth Zone, 600 to 1,000 Miles	Sixth Zone, 1,000 to 1,400 Miles	Seventh Zone, 1,400 to 1,800 Miles	Eighth Zone, all over 1,800 Miles
1	\$0.07	\$0.07	\$0.07	\$0.08	\$0.08	\$0.09	\$0.10	\$0.12	\$0.13
2	.08	.08	.08	.10	.12	.15	.18	.22	.25
3	.08	.09	.09	.12	.16	.21	.26	.32	.37
4	.09	.10	.10	.14	.20	.27	.34	.42	.49
5	.09	.11	.11	.16	.24	.33	.42	.52	.61
6	.10	.12	.12	.18	.28	.39	.50	.62	.73
7	.10	.13	.13	.20	.32	.45	.58	.72	.85
8	.11	.14	.14	.22	.36	.51	.66	.82	.97
9	.11	.15	.15	.24	.40	.57	.74	.92	1.09
10	.12	.16	.16	.26	.44	.63	.82	1.02	1.21
11	.12	.17	.17	.28	.48	.69	.90	1.12	1.33
12	.13	.18	.18	.30	.52	.75	.98	1.22	1.45
13	.13	.19	.19	.32	.56	.81	1.06	1.32	1.57
14	.14	.20	.20	.34	.60	.87	1.14	1.42	1.69
15	.14	.21	.21	.36	.64	.93	1.22	1.52	1.81
16	.15	.22	.22	.38	.68	.99	1.30	1.62	1.93
17	.15	.23	.23	.40	.72	1.05	1.38	1.72	2.05
18	.16	.24	.24	.42	.76	1.11	1.46	1.82	2.17
19	.16	.25	.25	.44	.80	1.17	1.54	1.92	2.29
20	.17	.26	.26	.46	.84	1.23	1.62	2.02	2.41
21	.17	.27	.27	.48	.88	1.29	1.70	2.12	2.53
22	.18	.28	.28	.50	.92	1.35	1.78	2.22	2.65
23	.18	.29	.29	.52	.96	1.41	1.86	2.32	2.77
24	.19	.30	.30	.54	1.00	1.47	1.94	2.42	2.89
25	.19	.31	.31	.56	1.04	1.53	2.02	2.52	3.01
26	.20	.32	.32	.58	1.08	1.59	2.10	2.62	3.13
27	.20	.33	.33	.60	1.12	1.65	2.18	2.72	3.25
28	.21	.34	.34	.62	1.16	1.71	2.26	2.82	3.37
29	.21	.35	.35	.64	1.20	1.77	2.34	2.92	3.49
30	.22	.36	.36	.66	1.24	1.83	2.42	3.02	3.61
31	.22	.37	.37	.68	1.28	1.89	2.50	3.12	3.73
32	.23	.38	.38	.70	1.32	1.95	2.58	3.22	3.85
33	.23	.39	.39	.72	1.36	2.01	2.66	3.32	3.97
34	.24	.40	.40	.74	1.40	2.07	2.74	3.42	4.09
35	.24	.41	.41	.76	1.44	2.13	2.82	3.52	4.21
36	.25	.42	.42	.78	1.48	2.19	2.90	3.62	4.33
37	.25	.43	.43	.80	1.52	2.25	2.98	3.72	4.45
38	.26	.44	.44	.82	1.56	2.31	3.06	3.82	4.57
39	.26	.45	.45	.84	1.60	2.37	3.14	3.92	4.69
40	.27	.46	.46	.86	1.64	2.43	3.22	4.02	4.81
41	.27	.47	.47	.88	1.68	2.49	3.30	4.12	4.93
42	.28	.48	.48	.90	1.72	2.55	3.38	4.22	5.05
43	.28	.49	.49	.92	1.76	2.61	3.46	4.32	5.17
44	.29	.50	.50	.94	1.80	2.67	3.54	4.42	5.29
45	.29	.51	.51	.96	1.84	2.73	3.62	4.52	5.41
46	.30	.52	.52	.98	1.88	2.79	3.70	4.62	5.53
47	.30	.53	.53	1.00	1.92	2.85	3.78	4.72	5.65
48	.31	.54	.54	1.02	1.96	2.91	3.86	4.82	5.77
49	.31	.55	.55	1.04	2.00	2.97	3.94	4.92	5.89
50	.32	.56	.56	1.06	2.04	3.03	4.02	5.02	6.01
51	.32	.57	.57	1.08					
52	.33	.58	.58	1.10					
53	.33	.59	.59	1.12					
54	.34	.60	.60	1.14					
55	.34	.61	.61	1.16					
56	.35	.62	.62	1.18					
57	.35	.63	.63	1.20					
58	.36	.64	.64	1.22					
59	.36	.65	.65	1.24					
60	.37	.66	.66	1.26					
61	.37	.67	.67	1.28					
62	.38	.68	.68	1.30					
63	.38	.69	.69	1.32					
64	.39	.70	.70	1.34					
65	.39	.71	.71	1.36					
66	.40	.72	.72	1.38					
67	.40	.73	.73	1.40					
68	.41	.74	.74	1.42					
69	.41	.75	.75	1.44					
70	.42	.76	.76	1.46					

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<b>Ex. Money Order .</b>	
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